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MICROWAVE SPECTRAL TABLES

Line Strengths of Asymmetric Rotors

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Line Strengths of Asymmetric Rotors

Paul F. Wacker and Marlene R. Pratto

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Microwave Spectral Tables

Volume II: Line Strengths of Asymmetric Rotors

Paul F. Wacker and Marlene R. Pratto

Line strengths of asymmetric rotors are tabulated as a function of Ray's asymmetry parameter κ for rotational quantum numbers J from 0 to 35. Procedures for interpolation as a function of κ and extrapolation to larger J values are discussed.

1. Introduction

The line strengths of asymmetric rotors are useful for the calculation of intensities of rotational lines in microwave and other spectra [1: pages 92-105],* determination of dipole moments from Stark effects or vice versa [1: pages 254-5], and determination of nuclear quadrupole coupling coefficients from hyperfine splittings or vice versa [1: pages 160-1]. The standard tables of asymmetric rotor line strengths are those of Cross, Hainer and King [2] and those of Schwendeman and Laurie [3]. The latter table reports line strengths to six decimal places for 21 values of Ray's [4] asymmetry parameter κ and so permits accurate interpolation as a function of κ. However, neither table gives values for the rotational quantum number J above 12. Yet spectral lines involving J up to 46 have been identified [5]. The present table gives line strengths for integral J = 0 to 35 on a set of κ values sufficient for most interpolation; further, procedures for extrapolation to larger J values are discussed.

Computation of line strengths for large J values involves a number of difficulties. As the J values is increased, accuracy drops off, computer storage becomes more of a problem (particularly for double precision), computation time becomes significant, and space required for the presentation of results becomes considerable, particularly since more difficult cases of interpolation as a function of κ arise. Accuracy was maintained without double precision by factoring the matrices as much as possible by means of symmetry, minimizing accumulated rounding error by use of Givens' method [6] for the determination of eigenvalues and eigenvectors, and the use of a computer incorporating "words" of 48 binary digits. The space required for presentation was reduced by tabulating at carefully selected values of κ. The use of a computer with 32,768 "words" of storage, symmetry factorization, and the limited number of κ values made it possible to carry out all computations without intermediate input-output, thus speeding the computations in the already very fast computer.

* The numbers in brackets indicate the reference listed on page XI. The notations [1: pages 92-105], [2: equation 19], etc. indicate pages 92 to 105 of reference [1], equation (19) of reference [2], etc.

2. Definition and Properties of Line Strengths

The line strength of an asymmetric rotor is a sum of squares of absolute values of direction cosine matrix elements over both laboratory-fixed Cartesian coordinates and Zeeman components. More precisely [2: equation 19], for a given transition 'J, 'τ→"J, "τ, a given asymmetry κ, and a given molecular axis g, the line strength

$$ {}^{g}S_{'J,\ '\tau;\ ''J,\ ''\tau}(\kappa) = \sum_{F,\ 'M,\ ''M} \left| \Phi^{A}_{Fg;'J,\ '\tau,\ 'M;''J,\ ''\tau,\ ''M}(\kappa) \right|^{2} ; \tag{1} $$

where F = X, Y, or Z, laboratory-fixed Cartesian coordinates; g = a, b, or c, principal axes of the momental ellipsoid of the rotor, arranged according to increasing moments of inertia about the axes; Ray's [4] asymmetry parameter $\kappa = (2B - A - C)/(A - C)$, where A, B, and C are inversely proportional to the corresponding moments of inertia. For a given F, g, and κ, $\Phi^{A}_{Fg}(\kappa)$ is a direction cosine matrix of the rotor, here A does not indicate a rotational constant but indicates that the matrix is in the asymmetric rotor representation. J is the rotational quantum number ($Jh/2\pi$ is the total rotational angular momentum, where h is Planck's constant); τ is an integer ranging from -J or +J and indicating the levels of a given J according to increasing energy, and the magnetic quantum number M assumes the same 2J + 1 values as τ but represents the projection of the vector J in the direction of the electric or magnetic field. The left primes indicate specific values in the set of quantum numbers corresponding to a specific rotational state. In spite of international usage, it is not implied in any designation of a transition that the rotational state listed on the left has a higher energy than the state listed on the right; this includes designations in the table proper and those used as matrix element subscripts.

Townes and Schawlow's sum $|\mu_{ij}|^2$ of the squares of absolute values of dipole moment matrix elements [1: pages 97, 19-23; 7: page XI] used in the computations of intensities is given by

$$ |\mu_{ij}|^2 = \Big(\sum_{g} |\mu_g|^2\, {}^{g}S_{'J,\ '\tau;''J,\ ''\tau} \Big)/(2J_i + 1) , \tag{2} $$

where μ_g is the projection of the dipole moment on the g axis and J_i is the initial value of the rotational quantum number J. Actually for any given transition, 'J, 'τ → "J, "τ, the line strength is non-zero for only one axis g [2: table III].

Since $\Phi^{A}_{Fg}(\kappa)$ is a Hermitian matrix, a given line strength is independent of the

of the direction of the transition, i. e.,

$$^{g}S_{'J,'\tau;''J,''\tau}(\kappa) = {}^{g}S_{''J,''\tau;'J,'\tau}(\kappa) . \tag{3}$$

Further, the value of a line strength is unchanged by a simultaneous change in (1) the sign of κ, (2) the signs of both τ's, and (3) the molecular axis according to the scheme a→c, b→b, and c→a, i. e.,

$$^{g}S_{'J,'\tau;''J,''\tau}(\kappa) = {}^{g'''}S_{'J,-'\tau;''J,-''\tau}(-\kappa) , \tag{4}$$

where g is one of the first just-listed axes and g''' is the corresponding second-listed axis [2: page 218]. Thus, each line strength applies to four transitions: a "primary" 'J, 'τ→''J, ''τ, a "reverse" 'J, 'τ←''J, ''τ, an "inverse" 'J, -'τ→''J, -''τ, and a "inverse-reverse" 'J, -'τ←''J, -''τ. Note that equations (4) and (3) require that $^{b}S_{'J,0;''J,0}$ and $^{b}S_{'J,'\tau;'J,-'\tau}$ be even functions of κ. As for a symmetric top, the line strength is zero unless the change in J value is 0 or ±1; other selection rules are given in [2: pages 214-5].

For the limiting case of a prolate spheroid, the two larger moments of inertia are equal, yielding B = C, $\kappa = -1$, and a good symmetric-top quantum number $K = K_a = K_{-1}$ for the angular momentum about the axis of symmetry a. For the limiting case of an oblate spheroid, the two smaller moments of inertia are equal, yielding A = B, $\kappa = +1$, and a good symmetric-top quantum number $K = K_c = K_{-1}$ for the angular momentum about the axis of symmetry c. In application of the preceding discussion to a molecule (without electronic or nuclear angular momentum), no molecular symmetry is required, only symmetry of the momental ellipsoid. Although neither K_{-1} nor K_{+1} is a good quantum number for κ unequal to ±1, it is still possible to define both a K_{-1} and a K_{+1} for every given rotational state, regardless of κ, such that (1) the values so assigned to the levels corresponding to a given J form a set of distinct ordered pairs of K_{-1} and K_{+1}; (2) the values of K_{-1} become increasingly good quantum numbers as $\kappa \to -1$, and (3) the values of K_{+1} become increasingly good quantum numbers as $\kappa \to +1$; further, τ is precisely equal to $K_{-1} - K_{+1}$ for any value of κ. Because the notation J, K_{-1}, K_{+1} is more informative than the notation, J, τ, and because the latter can be so simply obtained from the former, J, K_{-1}, K_{+1} is used in designating levels in this table.

The present computations pertain to rigid rotors. Actual molecules do undergo centrifugal distortion, particularly for large J. Fortunately, the more readily observed transitions tend to involve relatively small changes in angular momentum and so relatively small changes in κ values [1: page 106], since the line strength tends to decrease as $|\Delta K_{-1}|$,

$|\Delta K_{+1}|$, and $|\Delta\tau|$ increase [2] and, of course, is zero for $|\Delta J|$ greater than unity. For computations involving changing κ, see page X.

3. Description of the Table

The values listed in the body of the table are 10^5 times the line strengths, eliminating the use of decimal points. The integers given at the left are the values of J, K_{-1}, K_{+1} for the two levels involved in the primary and reverse transitions. The A, B, or C on the left indicates the molecular axis g for which the (only non-zero) line strength applies, capital letters being used because of printing directly from the computer. For these transitions, the upper signs on the values of κ (listed at the top of the table) apply. The designations for the inverse and inverse-reverse transitions are given to the right of the line strengths. Again the integers denote the J, K_{-1}, K_{+1} values for the two levels and the letter indicates the molecular axis (g''') for these transitions. However, for the inverse and inverse-reverse transitions, the lower signs on the κ values apply.

To discuss further the arrangement in the table, the numbers 1 to 4 are assigned to the levels on a given line from left to right across the page, and these numbers used as subscripts to designate quantum numbers for specific levels. In this paragraph, the transitions 1→2, 1←2, 3→4, and 3←4 are called primary, reverse, inverse, and inverse-reverse, respectively. For the levels on any given line, $J_1 = J_3$, $J_2 = J_4$, $\tau_1 = -\tau_3$, $\tau_2 = -\tau_4$, $K_{-1_1} = K_{+1_3}$, $K_{-1_2} = K_{+1_4}$, $K_{+1_1} = K_{-1_3}$, and $K_{+1_2} = K_{-1_4}$. The listing of the line strengths with respect to level number 1 and the primary transitions according to increasing individual values in the hierarchy: $J_1, \Delta J = J_2 - J_1$, $\Delta\tau = \tau_2 - \tau_1$, and τ_1. The primary transitions are restricted to $\Delta\tau \geq 0$ and, for $\Delta J = 0$, to $|\tau_1| \leq |\tau_2|$, but for J up to 35 all line strengths greater than 10^{-5} are listed under one of the four sets of transitions.

4. Tabulation and Interpolation as a Function of κ

As mentioned in the Introduction, limitation of the number of κ values is important in reducing both the size of the published tables and the time required to compute the tabulated values. However, line strengths are required for a sizeable number of κ's for adequate interpolation. Even for J values no greater than 12, Cross, Hainer, and King [2: page 220] obtained negative interpolated values using quartic interpolation.

If a given accuracy of interpolation over an interval is required and many tabulated values are needed to achieve this interpolation accuracy, tabulation with equal increments of the independent variable is grossly wasteful of both publication space and time necessary to compute the tabulated values. In such a case, interpolation over a middle interval is very accurate, while interpolation over an end interval is more comparable to extrapolation. As

an illustrative example, consider polynomial interpolation of an nth degree polynomial (n+1 constants) with values for only n equally spaced points. Easily obtained lower bounds for the ratio of the maximum interpolation error in an end interval to that in the middle interval are 1, 5/3, 12, 137, 1506, and 208,096 for 2, 4, 8, 12, 16, and 22 points respectively; actually for 12 points, the ratio is above 168.5. On the contrary, if the points used for interpolation are the zeros ($\cos[(2i+1)\pi/2n]$, i = 0 to n-1 [8]) of the Chebyshev polynomial of the first kind $T_n(\kappa)$, the maximum interpolation error is the same for every interval and, of course, much smaller within the range of interest (but much larger outside).

In addition to the preceding general arguments for unequal spacing, there are arguments particular for line strengths. First, a large fraction of the molecules of interest have κ values toward the edges rather than the center of the range of interpolation, particularly those molecules obtained by isotopic substitution in symmetric tops. Second, in many of the cases in which interpolation is difficult, the rapid changes in the line strength occur near the ends of the range [2: pages 219-220], particularly for large J values, as may be seen in figure 1.

As a practical compromise, line strengths were computed for κ equal to 0, ±0.3, ±0.6, ±0.8, ±0.95, and ±1.0. The values -1 and +1 were used to compare with the symmetric top cases and to permit easy checking of the accuracy of the general computational procedure. Rounded values of κ were used for κ to simplify interpolation; in the middle of the range, five values of κ are equally spaced.

Although the unequal spacing may seem to be inconvenient for interpolation, it is really not, since routine higher-order interpolation is usually either unnecessary or ill-advised. Unless (1) the line strength changes very slowly with κ, (2) the required κ value is very close to a tabulated value, or (3) only a very rough line strength value is desired, it is strongly recommended that the line strength be plotted as a function of κ and interpolation be carried out with a plastic spline, French curves, or functional forms chosen after visual inspection of the graph. In many cases it is useful to plot a series of curves as in figure 1, using the more closely tabulated line strengths of Schwendeman and Laurie [3] for $J \leq 12$. Polynomial interpolation is not considered well-suited for the rapidly changing line strength curves known to the authors. For interpolation with a linear combination of basis functions, the reader is reminded that restriction of the basis functions to functions which have the same general character as the curve itself will usually yield accurate interpolation values; basis functions which have little relation to the given curve usually result in quite poor interpolation unless a very large number of values are fitted. Linear combinations of exponential functions may be useful [4: pages 378-382].

5. Extrapolation to Higher J Values

Extrapolation of line strengths to higher J values can often be carried out with accuracy sufficient for many purposes, as may be seen in figures 2 and 3. A set of conditions upon $J_{final}-J_{initial}$, $\tau_{final}-\tau_{initial}$ and $\tau_{initial}$ met by the required transition is chosen, and the set of transitions meeting these conditions is considered. For a given κ value, the line strengths could then be plotted as a function of the initial or final J values. However, for accurate extrapolation, the plots should be rather linear for large values of J.

Since the line strengths approach asymptotic forms as J becomes large, the independent variable should change more and more slowly as J increases, say as an inverse power of J. In figures 2 and 3, $J^{-1/3}$ was used as the independent variable. Note that the dependence of line strengths upon J is often quite different for even and odd J values.

For computations for higher J values, see page X.

Rather than plot the line strengths proper against a function of J, some more slowly varying function of the line strengths may be used. Thus, if the line strengths are non-zero for κ equal to -1 or +1, a quotient of line strengths, say $S(\kappa)/S(-1)$ or $S(\kappa)/[S(-1) + fS(+1)]$ may be used. (The value of the required line strength can readily be computed from the extrapolated quotient with the aid of the Hönl-London formulas for the line strengths S(-1) and S(+1) of symmetric tops [10: page 208, replacing Λ by $K_{\pm 1}$].) Using the symmetric-top line-strength formulas or actual graphs as guides, it may be possible in some cases to find denominators yielding even more constant quotients. Should correspondence-principle or other asymptotic expressions for line strengths become available, they would presumably provide even better denominators.

6. Method of Computation and Accuracy of Results

In the absence of external fields which remove spatial degeneracy, the elements of the Hamiltonian matrix [12] are independent of M and the right hand side of expression (1) for the line strengths reduces to [2: equation 19]

$$3\,|\Phi_{Zg;\,'J;\,''J}|^2 \left(\sum_{'M,\,''M} |\Phi_{Zg;\,'J,\,'M;\,''J,\,''M}|^2 \right) |\phi^A_{Zg;\,'J,\,'\tau;\,''J,\,''\tau}|^2 , \qquad (5)$$

where, for a given g, all but the last factor is a simple function of J only. The final factors are given by [2: equation 18]

$$\phi^A_{Zg} = {'t}^* \phi^S_{Zg}\, {''t} , \qquad (6)$$

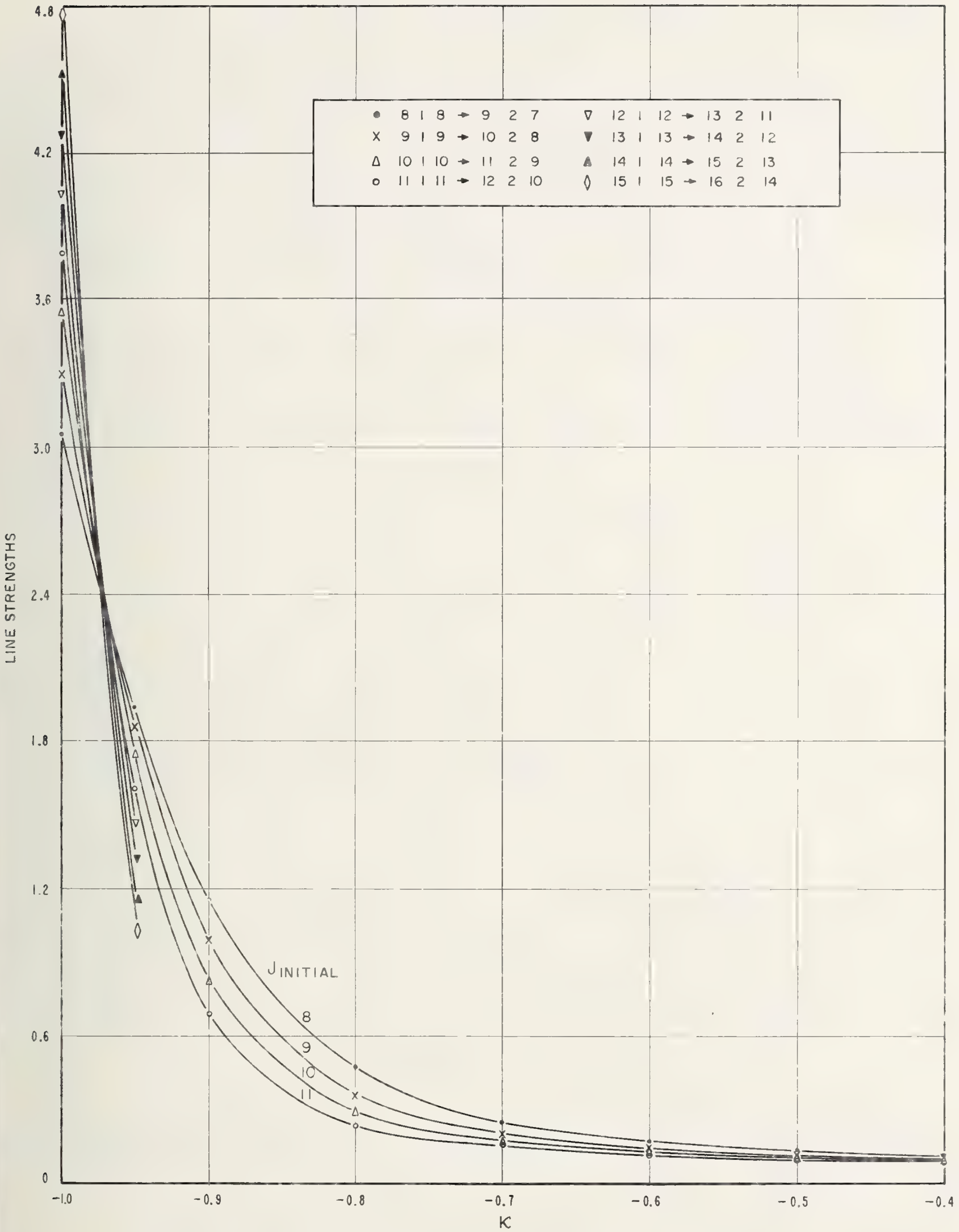

FIGURE 1. *Some line strengths as functions of κ.*

$J_{final}-J_{initial}=+1$, $\tau_{final}-\tau_{initial}=+2$, $\tau_{initial}=+1-J_{initial}$.

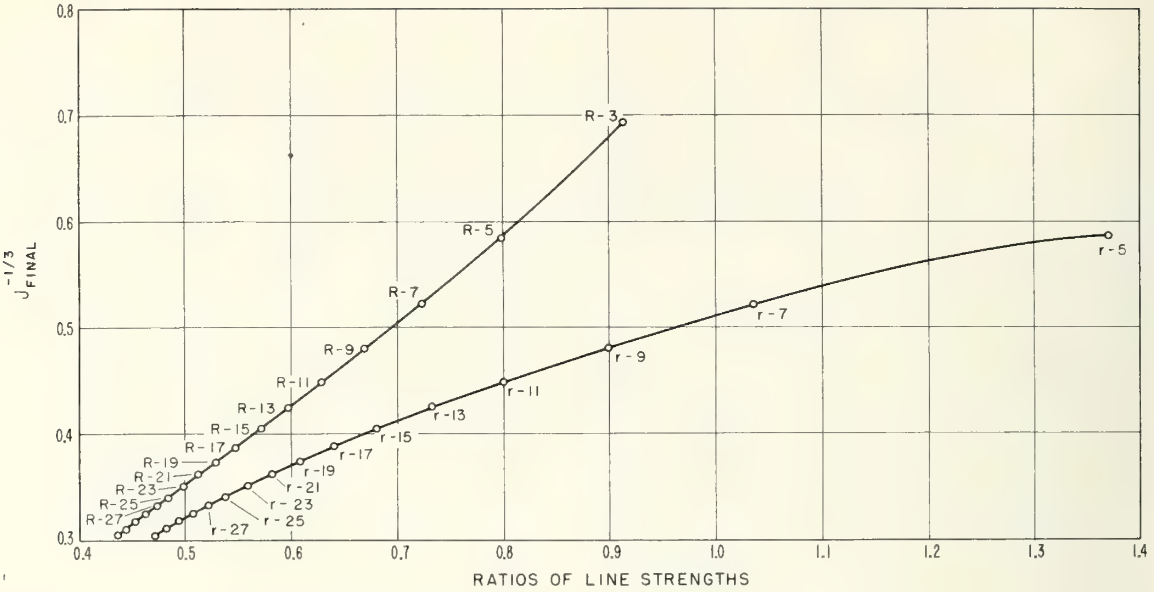

FIGURE 2. *Procedure for extrapolation to higher J values.*
$J_{final}-J_{initial}=+1$, $\tau_{final}-\tau_{initial}=0$, $\tau_{initial}=-2$, $r=S(0)/S(-1)$, $R=S(0)/S(+1)$. The numbers which accompany r and R on the graph are the values of J_{final}.

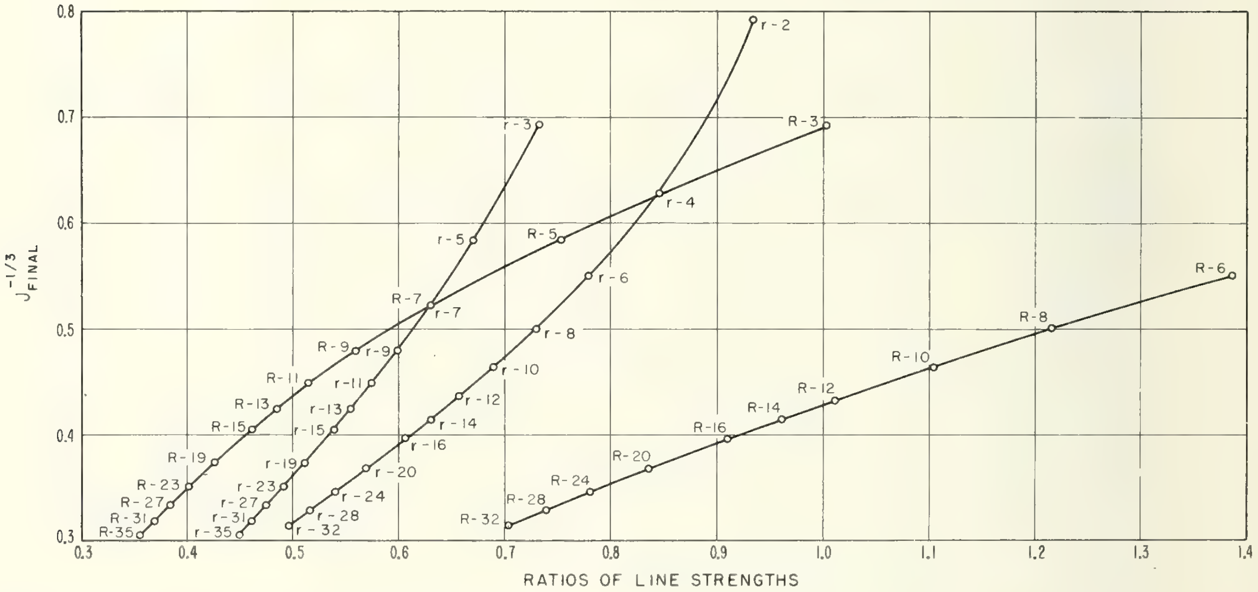

FIGURE 3. *Procedure for extrapolation to higher J values.*
$J_{final}-J_{initial}=0$, $\tau_{final}-\tau_{initial}=+1$, $\tau_{initial}=+1$, $r=S(0)/S(-1)$, $R=S(0)/S(+1)$. The numbers which accompany r and R on the graph are the values of J_{final}.

where ϕ^{A}_{Zg} and ϕ^{S}_{Zg} are direction cosine matrices in the asymmetric top and Wang symmetric top representations, 't and ''t are transformation matrices for the initial and final sets of states, respectively, and the asterisk converts 't to its Hermitian conjugate. Small ϕ's and t's are used to indicate that the J and J, M factors of equation (5) are eliminated from equation (6) and that functions for which $M \neq J$ are excluded from the basis eigenfunctions. The columns of the t's are eigenvectors of the Hamiltonian matrix [12]; and, for pure rotational transitions, 't = ''t. The eignnvectors were computed by means of Given's method [6], which is especially accurate and efficient for large tridiagonal matrices [13].

Again in the absence of external fields, the Hamiltonian matrix is diagonal in J. The Wang representation has the major advantage that the submatrices of the Hamiltonian matrix corresponding to a given J split into four sub-submatrices along the diagonal. This splitting reduces the problem of finding the eigenvectors of a submatrix of order 2J+1 to finding the eigenvectors of up to 4 sub-matrices of order roughly J/2, thus increasing accuracy and speed while decreasing computer storage requirements.

The direction cosine matrices ϕ^{S}_{Fg} in the Wang symmetric top representation were determined by using King, Hainer, and Cross's II^r coordinate system [12: pages 30-31] and will be published elsewhere. Since then, Schwendeman [14] has published the matrices for King, Hainer, and Cross's I^r and III^r coordinate systems. The I^r, II^r, and III^r coordinate systems are most convenient and presumably most accurate for κ near -1, 0, and +1, respectively. The II^r system was used here since it furnished a single computational scheme which was centered about the middle of the range of κ, expected to be best in the region most difficult to check, and easily checked in the region in which it was expected to be least accurate.

As a check upon the results, many of our line strengths for $J \leq 12$ were compared with those of Schwendeman and Laurie [3]. In every case, rounding of our unrounded values yielded precisely Schwendeman and Laurie's values, creating the presumption of agreement to significantly better than 10^{-6} before rounding. As a check upon our values for all J values, the spectroscopic stability sums [2: equation 23]

$$\sum_{g,\,''\tau} {}^{g}S_{'J,\,'\tau;\,''J,\,''\tau} = 2\,'J + 1 \tag{7}$$

were computed. The absolute value of the fractional error in the sum was no more than 5×10^{-6} for J less than 28 and no more than 10^{-5} for J less than 31. For larger J values, the reported line strengths are less accurate. As might be expected for computations based upon the II^r representation, the fractional error was greatest for large absolute values of κ. Hence, the reader may estimate computational error in the tables by comparing the values

tabulated for $\kappa = \pm 1$ with those computed from the Hönl-London formulas [10: page 208].

A Fortran subroutine, designed for computation of line strengths for specific transitions and specified initial and final κ values (rather than a fixed set of unchanging κ values) is available. Currently written for J to 46 or 47, it may be readily modified for larger J values.

The service of computing line strengths for specified initial and final κ values and specified transitions may be offered. For further information, inquiries should be addressed to the Chief of the Radio Standards Laboratory, National Bureau of Standards, Boulder, Colorado.

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Table 1.

Line Strengths of Asymmetric Rotors

	J	K-1	K+1	J	K-1	K+1						κ						J	K-1	K+1	J	K-1	K+1	
							∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0							
J= 0 Δ J = 1																								
												Δτ = 0												
B	0	0	0	1	1	1	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	0	0	0	1	1	1	B
												Δτ = 1												
C	0	0	0	1	1	0	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	0	0	0	1	0	1	A
J= 1 Δ J = 0																								
												Δτ = 1												
A	1	1	1	1	1	0	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	1	1	1	1	0	1	C
												Δτ = 2												
B	1	0	1	1	1	0	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	1	1	0	1	0	1	B
J= 1 Δ J = [illegible]																								
												Δτ = 0												
B	1	1	0	2	2	1	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	1	0	1	2	1	2	B
												Δτ = 1												
C	1	0	1	2	1	1	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	1	1	0	2	1	1	A
C	1	1	1	2	2	1	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	150000	1	1	1	2	1	2	A
C	1	1	0	2	2	0	150000	151886	157656	165465	176799	186603	193865	198198	199587	199976	200000	1	0	1	2	0	2	A
												Δτ = 2												
B	1	1	1	2	2	0	150000	148090	141931	132732	[illegible]	100000	82934	67267	58069	51910	50000	1	1	1	2	0	2	B
												Δτ = 3												
A	1	0	1	2	2	0	0	24	[illegible]	1802	[illegible]	[illegible]	23201	34535	42344	48114	50000	1	1	0	2	0	2	C
J= 2 Δ J = 0																								
												Δτ = 1												
C	2	1	1	2	2	1	83333	83333	83333	83333	83333	83333	83333	83333	83333	83333	83333	2	1	1	2	1	2	A
A	2	2	1	2	2	0	333333	333293	332645	330330	323109	311004	294665	275776	262759	253144	250000	2	1	2	2	0	2	C
												Δτ = 2												
B	2	1	2	2	2	1	83333	83333	83333	83333	83333	83333	83333	83333	83333	83333	83333	2	2	1	2	1	2	B
B	2	1	1	2	2	0	83333	86517	96781	112112	138223	166667	195111	221221	236552	246816	250000	2	1	1	2	0	2	B
												Δτ = 3												
C	2	1	2	2	2	0	83333	80190	70574	57558	38669	22329	10225	3003	688	40	0	2	2	1	2	0	2	A
J= 2 Δ J = 1																								
												Δτ = 0												
B	2	1	1	3	2	2	166667	166667	166667	166667	166667	166667	166667	166667	166667	166667	166667	2	1	1	3	2	2	B
B	2	2	0	3	3	1	250000	249208	246684	242926	236302	228470	219775	210898	205244	201266	200000	2	0	2	3	1	3	B
												Δτ = 1												
C	2	0	2	3	1	2	200000	198735	194775	189201	180763	173453	168714	166901	166680	166667	166667	2	2	0	3	2	1	A
C	2	1	2	3	2	2	166667	166667	166667	166667	166667	166667	166667	166667	166667	166667	166667	2	2	1	3	2	2	A
C	2	1	1	3	2	1	166667	172948	191781	214983	241041	255808	262859	265758	266479	266656	266667	2	1	1	3	1	2	A
C	2	2	1	3	3	1	250000	250775	253021	255808	259473	262433	264621	266014	266507	266657	266667	2	1	2	3	1	3	A
C	2	2	0	3	3	0	250000	250790	253275	256922	263468	272013	282803	293604	298395	299904	300000	2	0	2	3	0	3	A
												Δτ = 2												
B	2	1	2	3	2	1	166667	160305	140209	112921	77138	51684	35314	24986	20250	17474	16667	2	2	1	3	1	2	B
B	2	2	1	3	3	0	250000	249192	246416	241681	231353	214983	189528	153746	126457	106362	100000	2	1	2	3	0	3	B
												Δτ = 3												
A	2	0	2	3	2	1	0	80	1330	5195	13107	19056	21064	20055	18496	17134	16667	2	2	0	3	1	2	C
A	2	1	2	3	3	1	0	10	160	653	2045	4234	7194	10859	13646	15892	16667	2	2	1	3	1	3	C
A	2	1	1	3	3	0	0	10	187	909	3807	10859	25626	51684	74886	93718	100000	2	1	1	3	0	3	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
												Δτ = 4												
B	2	0	2	3	3	1	0	8	135	614	2180	4863	8409	12229	14604	16186	16667	2	2	0	3	1	3	B
												Δτ = 5												
C	2	0	2	3	3	0	0	7	122	489	1371	2146	2043	967	262	16	0	2	2	0	3	0	3	A
J= 3		ΔJ = 0																						
												Δτ = 1												
A	3	2	2	3	2	1	233333	233193	230983	223832	206813	188110	171803	158802	151777	147229	145833	3	2	2	3	1	2	C
C	3	2	1	3	3	1	87500	86131	82008	76600	69379	64056	60739	59005	58485	58342	58333	3	1	2	3	1	3	A
A	3	3	1	3	3	0	525000	524974	524544	522938	517164	504310	478611	433817	393744	360980	350000	3	1	3	3	0	3	C
												Δτ = 2												
B	3	1	2	3	2	1	145833	155566	186090	226245	272165	288720	272165	226245	186090	155566	145833	3	2	1	3	1	2	B
B	3	2	2	3	3	1	87500	88874	93066	98806	107657	116667	125677	134528	140267	144460	145833	3	2	2	3	1	3	B
B	3	2	1	3	3	0	87500	88900	93544	101143	117844	145833	191036	255029	303472	338854	350000	3	1	2	3	0	3	B
												Δτ = 3												
A	3	1	2	3	3	1	0	9	176	919	4257	13281	33800	72180	107376	136210	145833	3	2	1	3	1	3	C
C	3	2	2	3	3	0	87500	86105	81556	74532	61531	45223	26520	9501	2351	140	0	3	2	2	3	0	3	A
												Δτ = 5												
A	3	1	3	3	3	0	C	8	129	471	1173	1687	1544	737	205	13	0	3	3	1	3	0	3	C
												Δτ = 6												
B	3	0	3	3	3	0	0	13	228	916	2289	2946	2289	916	228	13	0	3	3	0	3	0	3	B
J= 3		ΔJ = 1																						
												Δτ = 0												
B	3	2	1	4	3	2	262500	260011	252201	241121	224628	210790	200617	193569	190157	188104	187500	3	1	2	4	2	3	B
B	3	3	0	4	4	1	350000	349255	346821	343021	335691	325327	309956	287560	269160	254731	250000	3	0	3	4	1	4	B
												Δτ = 1												
C	3	0	3	4	1	3	250000	245250	230552	211624	190294	180014	176553	175402	175091	175005	175000	3	3	0	4	3	1	A
C	3	1	3	4	2	3	187500	186917	185214	183074	180235	177963	176346	175395	175090	175005	175000	3	3	1	4	3	2	A
C	3	1	2	4	2	2	187500	201008	239532	278037	304870	309921	305944	300993	299971	299991	300000	3	2	1	4	2	2	A
C	3	2	2	4	3	2	262500	264918	271640	279307	288068	293910	297442	299285	299839	299991	300000	3	2	2	4	2	3	A
C	3	2	1	4	3	1	262500	264997	272988	285361	309541	338014	360470	371595	374331	374965	375000	3	1	2	4	1	3	A
C	3	3	1	4	4	1	350000	350732	352966	356023	360723	365397	369699	373082	374494	374967	375000	3	1	3	4	1	4	A
C	3	3	0	4	4	0	350000	350732	352974	356094	361211	367283	375478	387618	396264	399761	400000	3	0	3	4	0	4	A
												Δτ = 2												
B	3	1	3	4	2	2	187500	173812	132564	86509	45658	26923	18305	14425	13211	12650	12500	3	3	1	4	2	2	B
B	3	2	2	4	3	1	262500	259932	250781	234375	198307	150000	101693	65625	49219	40068	37500	3	2	2	4	1	3	B
B	3	3	1	4	4	0	350000	349255	346813	342941	335086	322664	300236	255748	207298	164275	150000	3	1	3	4	0	4	B
												Δτ = 3												
A	3	0	3	4	2	2	0	179	2728	8303	13098	13156	12125	11734	11993	12360	12500	3	3	0	4	2	2	C
A	3	1	3	4	3	2	0	25	386	1428	3767	6427	8881	10833	11800	12349	12500	3	3	1	4	2	3	C
A	3	1	2	4	3	1	0	27	529	2723	11674	28842	46240	50876	45848	39715	37500	3	2	1	4	1	3	C
A	3	2	2	4	4	1	0	9	161	715	2558	6090	11932	20693	28360	35082	37500	3	2	2	4	1	4	C
A	3	2	1	4	4	0	0	9	162	733	2836	8004	20938	53769	95393	135893	150000	3	1	2	4	0	4	C
												Δτ = 4												
B	3	0	3	4	3	2	0	40	683	2749	7191	10910	12824	13240	12991	12639	12500	3	3	0	4	2	3	B
B	3	1	2	4	4	1	0	2	31	171	868	2973	8226	18569	27956	35217	37500	3	2	1	4	1	4	B
												Δτ = 5												
C	3	0	3	4	3	1	0	39	613	2139	3926	3130	1303	280	50	2	0	3	3	0	4	1	3	A
C	3	1	3	4	4	1	0	1	20	70	160	213	188	95	30	2	0	3	3	1	4	1	4	A
C	3	1	2	4	4	0	0	1	28	137	563	1456	2585	2346	874	59	0	3	2	1	4	0	4	A
												Δτ = 6												
B	3	1	3	4	4	0	0	1	23	88	245	413	470	289	90	6	0	3	3	1	4	0	4	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
												Δτ = 7												
A	3	0	3	4	4	0	0	0	0	7	58	180	294	230	81	6	0	3	3	0	4	0	4	C
J= 4			ΔJ = 0																					
												Δτ = 1												
C	4	2	2	4	3	2	157500	154400	145453	135622	128871	131961	143774	162814	175043	179688	180000	4	2	2	4	2	3	A
A	4	3	2	4	3	1	405000	404915	403516	398227	379213	342421	293498	247325	222447	207062	202500	4	2	3	4	1	3	C
C	4	3	1	4	4	1	90000	88678	84592	78857	69667	60263	52225	47133	45488	45028	45000	4	1	3	4	1	4	A
A	4	4	1	4	4	0	720000	719978	719611	718250	713397	702443	677882	619901	547130	475314	450000	4	1	4	4	0	4	C
												Δτ = 2												
B	4	2	3	4	3	2	157500	160572	169166	178852	188691	192077	188691	178852	169166	160572	157500	4	3	2	4	2	3	B
B	4	2	2	4	3	1	157500	160715	171809	192280	242797	311538	362069	346039	285794	223653	202500	4	2	2	4	1	3	B
B	4	3	2	4	4	1	90000	91336	95644	102181	114036	128864	147114	168893	185169	198091	202500	4	2	3	4	1	4	B
B	4	3	1	4	4	0	90000	91336	95659	102329	115266	135273	173746	255618	345574	424223	450000	4	1	3	4	0	4	B
												Δτ = 3												
C	4	2	3	4	3	1	157500	154259	142928	123643	86093	45678	16583	3492	626	30	0	4	3	2	4	1	3	A
A	4	2	2	4	4	1	0	6	98	454	1950	6501	20538	62791	121802	181538	202500	4	2	2	4	1	4	C
C	4	3	2	4	4	0	90000	88678	84578	78725	68705	56175	39437	18055	5151	323	0	4	2	3	4	0	4	A
												Δτ = 5												
C	4	1	3	4	4	1	0	2	33	175	742	1638	1979	1148	370	27	0	4	3	1	4	1	4	A
A	4	2	3	4	4	0	0	6	96	418	1392	2826	3901	2901	1018	70	0	4	3	2	4	0	4	C
												Δτ = 6												
B	4	1	4	4	4	1	0	1	22	74	159	196	159	74	22	1	0	4	4	1	4	1	4	B
B	4	1	3	4	4	0	0	2	37	219	1137	3189	4985	3516	1127	71	0	4	3	1	4	0	4	B
												Δτ = 7												
C	4	1	4	4	4	0	0	1	20	59	103	95	49	9	1	0	0	4	4	1	4	0	4	A
J= 4			ΔJ = 1																					
												Δτ = 0												
B	4	2	2	5	3	3	280000	275306	261027	243344	225782	220280	225782	243344	261027	275306	280000	4	2	2	5	3	3	B
B	4	3	1	5	4	2	360000	357701	350171	338412	316050	287477	256925	231633	219229	212048	210000	4	1	3	5	2	4	B
B	4	4	0	5	5	1	450000	449283	446941	443284	436174	425854	409189	378366	343906	311298	300000	4	0	4	5	1	5	B
												Δτ = 1												
C	4	0	4	5	1	4	300000	288595	254595	218514	192573	184779	181833	180496	180111	180006	180000	4	4	0	5	4	1	A
C	4	1	4	5	2	4	210000	208060	202610	196321	189142	184491	181819	180496	180111	180006	180000	4	4	1	5	4	2	A
C	4	1	3	5	2	3	210000	234205	296993	340628	349043	334749	323582	320599	320132	320008	320000	4	3	1	5	3	2	A
C	4	2	3	5	3	3	280000	284510	296143	307433	316995	320630	321124	320503	320130	320008	320000	4	3	2	5	3	3	A
C	4	2	2	5	3	2	280000	284761	300556	327514	377987	414407	425912	422789	420080	419973	420000	4	2	2	5	2	3	A
C	4	3	2	5	4	2	360000	362258	369109	378325	391755	403543	412411	417762	419486	419970	420000	4	2	3	5	2	4	A
C	4	3	1	5	4	1	360000	362258	369165	378844	395373	417581	447446	471550	478395	479920	480000	4	1	3	5	1	4	A
C	4	4	1	5	5	1	450000	450707	452872	455876	460670	465835	471260	476392	478956	479928	480000	4	1	4	5	1	5	A
C	4	4	0	5	5	0	450000	450707	452872	455881	460728	466190	472878	483016	493460	499527	500000	4	0	4	5	0	5	A
												Δτ = 2												
B	4	1	4	5	2	3	210000	185443	117570	60929	27488	16655	12800	11198	10529	10123	10000	4	4	1	5	3	2	B
B	4	2	3	5	3	2	280000	275051	256373	221016	150811	88775	52844	36262	31763	30310	30000	4	3	2	5	2	3	B
B	4	3	2	5	4	1	360000	357700	350112	337832	311587	267967	199674	124358	86129	65542	60000	4	2	3	5	1	4	B
B	4	4	1	5	5	0	450000	449283	446941	443279	436102	425352	406459	363683	300037	226510	200000	4	1	4	5	0	5	B
												Δτ = 3												
A	4	0	4	5	2	3	0	330	4248	8920	9388	8495	8467	9043	9518	9880	10000	4	4	0	5	3	2	C
A	4	1	4	5	3	3	0	47	662	2150	4646	6643	8021	8985	9512	9880	10000	4	4	1	5	3	3	C
A	4	1	3	5	3	2	0	54	1110	5948	21945	35160	34850	30379	29328	29739	30000	4	3	1	5	2	3	C
A	4	2	3	5	4	2	0	22	385	1666	5543	11586	18699	25121	28203	29677	30000	4	3	2	5	2	4	C
A	4	2	2	5	4	1	0	22	391	1808	7610	23356	55365	84239	80650	65932	60000	4	2	2	5	1	4	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	4	3	2	5	5	1	0	9	156	700	2593	6571	14123	27634	41454	54902	60000	4	2	3	5	1	5	C
A	4	3	1	5	5	0	0	9	156	701	2625	6958	17370	48679	103995	173760	200000	4	1	3	5	0	5	C
												Δτ = 4												
B	4	0	4	5	3	3	0	127	2005	6462	11366	12587	12067	11123	10522	10122	10000	4	4	0	5	3	3	B
B	4	1	3	5	4	2	0	7	147	867	4429	12523	22595	29088	30454	30245	30000	4	3	1	5	2	4	B
B	4	2	2	5	5	1	0	1	16	79	375	1399	5014	17324	35578	53863	60000	4	2	2	5	1	5	B
												Δτ = 5												
C	4	0	4	5	3	2	0	124	1783	4683	4406	1759	474	94	19	1	0	4	4	0	5	2	3	A
C	4	1	4	5	4	2	0	6	78	234	403	380	227	76	18	1	0	4	4	1	5	2	4	A
C	4	1	3	5	4	1	0	7	132	693	2814	5378	4374	1200	207	9	0	4	3	1	5	1	4	A
C	4	2	3	5	5	1	0	1	14	58	175	311	374	255	95	8	0	4	3	2	5	1	5	A
C	4	2	2	5	5	0	0	1	14	63	244	698	1711	2839	1688	141	0	4	2	2	5	0	5	A
												Δτ = 6												
B	4	1	4	5	4	1	0	6	87	291	598	633	344	76	12	1	0	4	4	1	5	1	4	B
B	4	2	3	5	5	0	0	1	16	73	268	618	1023	1003	433	31	0	4	3	2	5	0	5	B
												Δτ = 7												
A	4	0	4	5	4	1	0	0	3	36	184	307	223	61	11	1	0	4	4	0	5	1	4	C
A	4	1	4	5	5	1	0	0	0	1	4	10	16	13	5	0	0	4	4	1	5	1	5	C
A	4	1	3	5	5	0	0	0	0	2	27	174	550	777	388	31	0	4	3	1	5	0	5	C
												Δτ = 8												
B	4	0	4	5	5	1	0	0	0	2	9	20	25	16	6	0	0	4	4	0	5	1	5	B
												Δτ = 9												
C	4	0	4	5	5	0	0	0	0	1	6	10	8	2	0	0	0	4	4	0	5	0	5	A
J= 5			ΔJ = 0																					
												Δτ = 1												
A	5	3	3	5	3	2	330000	329827	326966	315995	280232	233971	200707	190740	200275	214590	220000	5	3	3	5	2	3	C
C	5	3	2	5	4	2	165000	162140	153281	140922	172693	110582	110214	123505	138386	146092	146667	5	2	3	5	2	4	A
A	5	4	2	5	4	1	586667	586596	585443	581138	565504	529486	458112	360508	301850	266691	256667	5	2	4	5	1	4	C
C	5	4	1	5	5	1	91667	90369	86363	80731	71536	61269	50287	41135	37719	36728	36667	5	1	4	5	1	5	A
A	5	5	1	5	5	0	916667	916646	916309	915057	910621	900726	878583	820082	722450	597826	550000	5	1	5	5	0	5	C
												Δτ = 2												
B	5	2	3	5	3	2	220000	225734	247021	292545	389295	440165	389295	292545	247021	225734	220000	5	3	2	5	2	3	B
B	5	3	3	5	4	2	165000	167882	177093	190621	212593	233333	247181	247677	238059	225266	220000	5	3	3	5	2	4	B
B	5	3	2	5	4	1	165000	167884	177202	191744	222689	281636	379719	445872	395857	295386	256667	5	2	3	5	1	4	B
B	5	4	2	5	5	1	91667	92980	97232	103776	116130	132999	156852	190947	220844	247197	256667	5	2	4	5	1	5	B
B	5	4	1	5	5	0	91667	92980	97233	103785	116272	134134	164882	241421	362683	501110	550000	5	1	4	5	0	5	B
												Δτ = 3												
A	5	2	3	5	4	2	0	18	311	1524	7532	27540	77396	150139	191648	214125	220000	5	3	2	5	2	4	C
C	5	3	3	5	4	1	165000	162138	153177	139912	114871	79834	38008	8819	1510	68	0	5	3	3	5	1	4	A
A	5	3	2	5	5	1	0	4	72	323	1251	3736	11912	45693	118126	218179	256667	5	2	3	5	1	5	C
C	5	4	2	5	5	0	91667	90369	86363	80723	71423	60522	46437	25887	8891	610	0	5	2	4	5	0	5	A
												Δτ = 5												
A	5	2	4	5	4	1	0	18	299	1239	3512	5037	3593	998	180	8	0	5	4	2	5	1	4	C
C	5	2	3	5	5	1	0	1	12	54	244	792	1716	1679	686	56	0	5	3	2	5	1	5	A
A	5	3	3	5	5	0	0	4	72	321	1182	2861	5226	5914	2848	224	0	5	3	3	5	0	5	C
												Δτ = 6												
B	5	1	4	5	4	1	0	9	200	1245	5366	8465	5366	1245	200	9	0	5	4	1	5	1	4	B
B	5	2	4	5	5	1	0	1	12	55	179	334	398	258	92	7	0	5	4	2	5	1	5	B
B	5	2	3	5	5	0	0	1	13	67	376	1577	4728	6652	3124	230	0	5	3	2	5	0	5	B
												Δτ = 7												
A	5	1	4	5	5	1	0	0	0	2	33	139	249	206	83	7	0	5	4	1	5	1	5	C
C	5	2	4	5	5	0	0	1	11	44	117	166	134	41	4	0	0	5	4	2	5	0	5	A
												Δτ = 9												

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	5	1	5	5	5	0	0	0	0	0	2	5	4	1	0	0	0	5	5	1	5	0	5	C
												$\Delta\tau$ = 10												
B	5	0	5	5	5	0	0	0	0	2	7	9	7	2	0	0	0	5	5	0	5	0	5	B
J= 5			Δ J = 1																					
												$\Delta\tau$ = 0												
B	5	3	2	6	4	3	375000	370803	357008	335508	297458	263045	245618	251179	271076	292513	300000	5	2	3	6	3	4	B
B	5	4	1	6	5	2	458333	456140	448972	437740	415805	384088	337853	284238	254664	237933	233333	5	1	4	6	2	5	B
B	5	5	0	6	6	1	550000	549299	547013	543453	536548	526523	510131	476936	429417	371805	350000	5	0	5	6	1	6	B
												$\Delta\tau$ = 1												
C	5	0	5	6	1	5	350000	327853	266568	218152	195324	188464	185322	183868	183453	183340	183333	5	5	0	6	5	1	A
C	5	1	5	6	2	5	233333	229070	217695	205909	194540	188427	185321	183868	183453	183340	183333	5	5	1	6	5	2	A
C	5	1	4	6	2	4	233333	272215	358789	390463	367235	343696	336512	334192	333527	333345	333333	5	4	1	6	4	2	A
C	5	2	4	6	3	4	300000	307084	323499	335786	341080	339337	336272	334188	333527	333345	333333	5	4	2	6	4	3	A
C	5	2	3	6	3	3	300000	307714	334894	385077	453107	470320	458957	450851	450126	450008	450000	5	3	2	6	3	3	A
C	5	3	3	6	4	3	375000	379108	391441	407399	428011	441870	448539	450199	450113	450008	450000	5	3	3	6	3	4	A
C	5	3	2	6	4	2	375000	379112	391675	409608	443854	492267	529420	537352	533912	533280	533333	5	2	3	6	2	4	A
C	5	4	2	6	5	2	458333	460492	467098	476232	490622	505367	518899	528714	532242	533269	533333	5	2	4	6	2	5	A
C	5	4	1	6	5	1	458333	460492	467100	476273	491155	508668	533518	566686	580129	583182	583333	5	1	4	6	1	5	A
C	5	5	1	6	6	1	550000	550691	552812	555764	560513	565753	571597	577872	581586	583204	583333	5	1	5	6	1	6	A
C	5	5	0	6	6	0	550000	550691	552812	555764	560520	565819	572042	580618	590645	599185	600000	5	0	5	6	0	6	A
												$\Delta\tau$ = 2												
B	5	1	5	6	2	4	233333	193813	98029	41691	18373	12533	10477	9334	8781	8437	8333	5	5	1	6	4	2	B
B	5	2	4	6	3	3	300000	291873	259043	196136	101641	52381	33863	27922	26222	25280	25000	5	4	2	6	3	3	B
B	5	3	3	6	4	2	375000	370800	356761	333039	278098	193346	111426	65835	53377	50393	50000	5	3	3	6	2	4	B
B	5	4	2	6	5	1	458333	456140	448970	437694	415145	379458	313759	204193	132298	93367	83333	5	2	4	6	1	5	B
B	5	5	1	6	6	0	550000	549299	547013	543453	536540	526429	509379	470826	401337	293806	250000	5	1	5	6	0	6	B
												$\Delta\tau$ = 3												
A	5	0	5	6	2	4	0	538	5302	7507	6531	6381	6887	7509	7924	8232	8333	5	5	0	6	4	2	C
A	5	1	5	6	3	4	0	76	957	2665	4753	6014	6837	7506	7924	8232	8333	5	5	1	6	4	3	C
A	5	1	4	6	3	3	0	92	2039	10596	26171	26507	23126	22982	23915	24726	25000	5	4	1	6	3	3	C
A	5	2	4	6	4	3	0	40	678	2817	8295	14552	19471	22521	23869	24725	25000	5	4	2	6	3	4	C
A	5	2	3	6	4	2	0	40	706	3440	16061	44481	64563	56724	50512	49758	50000	5	3	2	6	2	4	C
A	5	3	3	6	5	2	0	21	358	1599	5819	13893	26028	39573	46595	49549	50000	5	3	3	6	2	5	C
A	5	3	2	6	5	1	0	21	358	1609	6146	17684	48952	107162	120315	95569	83333	5	2	3	6	1	5	C
A	5	4	2	6	6	1	0	9	153	685	2556	6608	14887	31864	52123	74359	83333	5	2	4	6	1	6	C
A	5	4	1	6	6	0	0	9	153	685	2559	6674	15815	42999	103516	206540	250000	5	1	4	6	0	6	C
												$\Delta\tau$ = 4												
B	5	0	5	6	3	4	0	313	4306	10294	12739	11743	10395	9329	8781	8437	8333	5	5	0	6	4	3	B
B	5	1	4	6	4	3	0	19	454	2790	12156	23050	27624	27307	26169	25279	25000	5	4	1	6	3	4	B
B	5	2	3	6	5	2	0	3	64	333	1823	7374	21988	41283	48732	50175	50000	5	3	2	6	2	5	B
B	5	3	2	6	6	1	0	1	11	54	231	773	2836	12813	36637	70610	83333	5	2	3	6	1	6	B
												$\Delta\tau$ = 5												
C	5	0	5	6	3	3	0	305	3750	6387	2922	792	212	50	11	1	0	5	5	0	6	3	3	A
C	5	1	5	6	4	3	0	16	187	463	575	390	176	49	11	1	0	5	5	1	6	3	4	A
C	5	1	4	6	4	2	0	19	408	2217	7080	6650	2264	396	73	4	0	5	4	1	6	2	4	A
C	5	2	4	6	5	2	0	3	55	217	567	786	640	262	67	4	0	5	4	2	6	2	5	A
C	5	2	3	6	5	1	0	3	58	267	1184	3587	6170	2995	550	23	0	5	3	2	6	1	5	A
C	5	3	3	6	6	1	0	1	10	43	142	297	451	413	190	17	0	5	3	3	6	1	6	A
C	5	3	2	6	6	0	0	1	10	43	150	387	989	2376	2338	267	0	5	2	3	6	0	6	A
												$\Delta\tau$ = 6												
B	5	1	5	6	4	2	0	16	208	571	771	431	114	17	3	0	0	5	5	1	6	2	4	B
B	5	2	4	6	5	1	0	3	61	271	866	1494	1392	451	73	3	0	5	4	2	6	1	5	B
B	5	3	3	6	6	0	0	1	11	54	218	594	1269	1846	1145	103	0	5	3	3	6	0	6	B

	J K_{-1} K_{+1} — J K_{-1} K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
							Δτ = 7						
A	5 0 5 6 4 2	0	0	9	90	259	214	74	14	3	0	0	5 5 0 6 2 4 C
A	5 1 5 6 5 2	0	0	0	2	12	22	20	9	2	0	0	5 5 1 6 2 5 C
A	5 1 4 6 5 1	0	0	0	11	161	623	875	360	66	3	0	5 4 1 6 1 5 C
A	5 2 4 6 6 1	0	0	0	0	4	17	40	45	22	2	0	5 4 2 6 1 6 C
A	5 2 3 6 6 0	0	0	0	0	8	82	483	1324	1017	100	0	5 3 2 6 0 6 C
							Δτ = 8						
B	5 0 5 6 5 2	0	0	1	9	32	43	31	12	3	0	0	5 5 0 6 2 5 B
B	5 1 4 6 6 1	0	0	0	0	6	29	59	56	25	2	0	5 4 1 6 1 6 B
							Δτ = 9						
C	5 0 5 6 5 1	0	0	1	7	21	20	8	1	0	0	0	5 5 0 6 1 5 A
C	5 1 4 6 6 0	0	0	0	0	4	14	20	10	2	0	0	5 4 1 6 0 6 A
							Δτ = 10						
B	5 1 5 6 6 0	0	0	0	0	0	1	1	0	0	0	0	5 5 1 6 0 6 B
							Δτ = 11						
A	5 0 5 6 6 0	0	0	0	0	0	0	1	0	0	0	0	5 5 0 6 0 6 C
J= 6	ΔJ = 0												
							Δτ = 1						
C	6 3 3 6 4 3	232143	227380	212604	192551	170916	174880	207730	254419	273296	278274	278571	6 3 3 6 3 4 A
A	6 4 3 6 4 2	495238	495102	492877	484474	453021	386197	303147	252404	251276	270136	278571	6 3 4 6 2 4 C
C	6 4 2 6 5 2	170238	167505	159051	147118	127645	107583	94533	98072	112082	122866	123810	6 2 4 6 2 5 A
A	6 5 2 6 5 1	773810	773746	772701	768818	754931	723191	650813	506164	395056	327898	309524	6 2 5 6 1 5 C
C	6 5 1 6 6 1	92857	91572	87609	82045	72962	62705	50887	38534	32832	31064	30952	6 1 5 6 1 6 A
A	6 6 1 6 6 0	1114286	1114266	1113945	1112756	1108550	1099227	1078631	1023533	914418	729968	650000	6 1 6 6 0 6 C
							Δτ = 2						
B	6 3 4 6 4 3	232143	236925	251960	272585	298688	309096	298688	272585	251960	236925	232143	6 4 3 6 3 4 B
B	6 3 3 6 4 2	232143	236931	252425	277629	343695	459195	515900	412420	325926	287783	278571	6 3 3 6 2 4 B
B	6 4 3 6 5 2	170238	173000	181929	195591	220742	251735	284358	305363	302295	286593	278571	6 3 4 6 2 5 B
B	6 4 2 6 5 1	170238	173000	181933	195678	222135	264018	354862	501788	507110	372974	309524	6 2 4 6 1 5 B
B	6 5 2 6 6 1	92857	94158	98375	104881	117266	134641	160970	204129	248480	292633	309524	6 2 5 6 1 6 B
B	6 5 1 6 6 0	92857	94158	98375	104882	117283	134842	163035	228361	360667	567884	650000	6 1 5 6 0 6 B
							Δτ = 3						
C	6 3 4 6 4 2	232143	227374	212156	187996	136087	68202	20200	3597	671	37	0	6 4 3 6 2 4 A
A	6 3 3 6 5 2	0	13	222	1009	4192	14922	53406	152023	228351	268949	278571	6 3 3 6 2 5 C
C	6 4 3 6 5 1	170238	167505	159047	147039	126539	99815	60938	17755	3048	127	0	6 3 4 6 1 5 A
A	6 4 2 6 6 1	0	3	57	256	970	2664	7620	31083	102819	246197	309524	6 2 4 6 1 6 C
C	6 5 2 6 6 0	92857	91572	87609	82044	72948	62570	49857	31472	13014	1018	0	6 2 5 6 0 6 A
							Δτ = 5						
C	6 2 4 6 5 2	0	3	55	282	1471	4126	5034	2357	616	37	0	6 4 2 6 2 5 A
A	6 3 4 6 5 1	0	13	222	988	3464	7082	8187	3297	610	26	0	6 4 3 6 1 5 C
C	6 3 3 6 6 1	0	0	6	27	104	335	1017	1793	1012	97	0	6 3 3 6 1 6 A
A	6 4 3 6 6 0	0	3	57	256	963	2502	5371	8429	5735	558	0	6 3 4 6 0 6 C
							Δτ = 6						
B	6 2 5 6 5 2	0	3	56	233	623	829	623	233	56	3	0	6 5 2 6 2 5 B
B	6 2 4 6 5 1	0	3	61	353	2256	7926	11100	4083	677	27	0	6 4 2 6 1 5 B
B	6 3 4 6 6 1	0	0	7	33	132	328	553	518	231	21	0	6 4 3 6 1 6 B
B	6 3 3 6 6 0	0	0	7	34	160	669	2881	8095	6150	572	0	6 3 3 6 0 6 B
							Δτ = 7						
C	6 2 5 6 5 1	0	3	50	186	403	395	166	16	1	0	0	6 5 2 6 1 5 A
A	6 2 4 6 6 0	0	0	0	0	11	91	313	409	208	20	0	6 4 2 6 1 6 C
C	6 3 4 6 6 0	0	0	6	27	86	164	191	93	14	0	0	6 4 3 6 0 6 A
							Δτ = 9						
C	6 1 5 6 6 1	0	0	0	0	4	9	7	2	0	0	0	6 5 1 6 1 6 A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	6	2	5	6	6	0	0	0	0	0	3	9	13	7	1	0	0	6	5	2	6	0	6	C
												Δτ = 10												
B	6	1	5	6	6	0	0	0	0	1	6	17	20	9	1	0	0	6	5	1	6	0	6	B
J= 6			ΔJ = 1																					
												Δτ = 0												
B	6	3	3	7	4	4	392857	386355	364915	332093	285777	268013	285777	332093	364915	386355	392857	6	3	3	7	4	4	B
B	6	4	2	7	5	3	471429	467515	454677	434416	394578	340927	289318	268270	282492	310511	321429	6	2	4	7	3	5	B
B	6	5	1	7	6	2	557143	555011	548058	537201	516043	485075	434729	354289	298036	265700	257143	6	1	5	7	2	6	B
B	6	6	0	7	7	1	650000	649309	647061	643564	636801	627015	611041	578021	523332	436976	400000	6	0	6	7	1	7	B
												Δτ = 1												
C	6	0	6	7	1	6	400000	362191	269176	217567	198058	191078	187784	186269	185838	185721	185714	6	6	0	7	6	1	A
C	6	1	6	7	2	6	257143	249419	230060	212375	197897	191073	187784	186269	185838	185721	185714	6	6	1	7	6	2	A
C	6	1	5	7	2	5	257143	314991	418207	420354	370780	352244	346449	343830	343075	342870	342857	6	5	1	7	5	2	A
C	6	2	5	7	3	5	321429	331563	351840	361490	358658	351516	346428	343830	343075	342870	342857	6	5	2	7	5	3	A
C	6	2	4	7	3	4	321429	332921	376973	455598	511659	494384	476367	472534	471682	471443	471429	6	4	2	7	4	3	A
C	6	3	4	7	4	4	392857	399196	417904	440521	464147	473708	474345	472503	471682	471443	471429	6	4	3	7	4	4	A
C	6	3	3	7	4	3	392857	399206	418645	447763	511821	573808	585410	573400	571511	571434	571429	6	3	3	7	3	4	A
C	6	4	3	7	5	3	471429	475274	487004	503091	527530	549498	564471	570685	571446	571434	571429	6	3	4	7	3	5	A
C	6	4	2	7	5	2	471429	475274	487015	503302	530328	566971	618107	645374	644276	642773	642857	6	2	4	7	2	5	A
C	6	5	2	7	6	2	557143	559243	565683	574635	588998	604614	620904	635072	640937	642743	642857	6	2	5	7	2	6	A
C	6	5	1	7	6	1	557143	559243	565683	574639	589074	605339	625804	658806	680019	685458	685714	6	1	5	7	1	6	A
C	6	6	1	7	7	1	650000	650681	652772	655686	660387	665611	671573	678462	683146	685506	685714	6	1	6	7	1	7	A
C	6	6	0	7	7	0	650000	650681	652772	655686	660387	665623	671695	679565	688427	698730	700000	6	0	6	7	0	7	A
												Δτ = 2												
B	6	1	6	7	2	5	257143	198187	78009	29160	13971	10521	8977	8007	7530	7233	7143	6	6	1	7	5	2	B
B	6	2	5	7	3	4	321429	309131	255900	160799	65985	35486	27030	23905	22528	21683	21429	6	5	2	7	4	3	B
B	6	3	4	7	4	3	392857	386345	364130	324012	227588	121827	66067	48034	44700	43269	42857	6	4	3	7	3	4	B
B	6	4	3	7	5	2	471429	467515	454665	434180	391122	316853	201229	106569	77846	71772	71429	6	3	4	7	2	5	B
B	6	5	2	7	6	1	557143	555011	548058	537197	515950	484054	426579	303307	189715	123524	107143	6	2	5	7	1	6	B
B	6	6	1	7	7	0	650000	649309	647061	643564	636800	626997	610835	575561	506813	366708	300000	6	1	6	7	0	7	B
												Δτ = 3												
A	6	0	6	7	2	5	0	800	5536	5718	4982	5328	5880	6430	6789	7055	7143	6	6	0	7	5	2	C
A	6	1	6	7	3	5	0	112	1233	2919	4448	5266	5874	6430	6789	7055	7143	6	6	1	7	5	3	C
A	6	1	5	7	3	4	0	146	3419	15163	22077	18633	18192	19456	20437	21181	21429	6	5	1	7	4	3	C
A	6	2	5	7	4	4	0	63	1043	4049	10112	14894	17663	19421	20435	21181	21429	6	5	2	7	4	4	C
A	6	2	4	7	4	3	0	63	1135	6009	28254	51083	46186	40681	41318	42455	42857	6	4	2	7	3	4	C
A	6	3	4	7	5	3	0	35	613	2722	9487	20183	31239	38530	41117	42452	42857	6	4	3	7	3	5	C
A	6	3	3	7	5	2	0	35	614	2780	11325	36531	83708	91523	75915	71466	71429	6	3	3	7	2	5	C
A	6	4	3	7	6	2	0	20	340	1527	5682	14415	30108	52156	65517	70924	71429	6	3	4	7	2	6	C
A	6	4	2	7	6	1	0	20	340	1528	5724	15279	40388	112659	159422	128762	107143	6	2	4	7	1	6	C
A	6	5	2	7	7	1	0	9	150	675	2521	6552	15052	34136	60271	92959	107143	6	2	5	7	1	7	C
A	6	5	1	7	7	0	0	9	150	675	2521	6563	15287	39193	98154	233615	300000	6	1	5	7	0	7	C
												Δτ = 4												
B	6	0	6	7	3	5	0	660	7364	12816	12318	10386	8968	8007	7530	7233	7143	6	6	0	7	5	3	B
B	6	1	5	7	4	4	0	45	1139	6831	21078	27072	26142	23859	22526	21683	21429	6	5	1	7	4	4	B
B	6	2	4	7	5	3	0	9	169	965	5982	21071	38901	45096	44464	43266	42857	6	4	2	7	3	5	B
B	6	3	3	7	6	2	0	2	42	203	934	3748	15151	45467	65270	71202	71429	6	3	3	7	2	6	B
B	6	4	2	7	7	1	0	0	9	42	174	535	1766	8660	32832	84514	107143	6	2	4	7	1	7	B
												Δτ = 5												
C	6	0	6	7	3	4	0	643	6134	6120	1592	408	128	33	7	0	0	6	6	0	7	4	3	A
C	6	1	6	7	4	4	0	34	350	691	611	319	124	32	7	0	0	6	6	1	7	4	4	A
C	6	1	5	7	4	3	0	44	1025	5314	9754	4092	963	193	41	2	0	6	5	1	7	3	4	A
C	6	2	5	7	5	3	0	9	139	510	1079	1082	608	182	41	2	0	6	5	2	7	3	5	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	6	2	4	7	5	2	0	9	152	772	3842	8949	6026	1108	181	10	0	6	4	2	7	2	5	A
C	6	3	4	7	6	2	0	2	38	159	503	924	1030	546	154	9	0	6	4	3	7	2	6	A
C	6	3	3	7	6	1	0	2	33	162	607	1072	4082	5103	1148	46	0	6	3	3	7	1	6	A
C	6	4	3	7	7	1	0	0	8	33	112	252	440	518	296	32	0	6	3	4	7	1	7	A
C	6	4	2	7	7	0	0	0	8	33	113	268	319	1690	2549	439	0	6	2	4	7	0	7	A
												Δτ = 6												
B	6	1	6	7	4	3	0	35	388	827	644	186	37	7	1	0	0	6	6	1	7	3	4	B
B	6	2	5	7	5	2	0	9	155	636	1611	1748	725	108	16	1	0	6	5	2	7	2	5	B
B	6	3	4	7	6	1	0	2	42	199	773	1821	2646	1425	263	10	0	6	4	3	7	1	6	B
B	6	4	3	7	7	0	0	0	9	42	172	503	1252	2460	2170	257	0	6	3	4	7	0	7	B
												Δτ = 7												
A	6	0	6	7	4	3	0	0	23	148	223	93	24	5	1	0	0	6	6	0	7	3	4	C
A	6	1	6	7	5	3	0	0	1	6	19	24	15	5	1	0	0	6	6	1	7	3	5	C
A	6	1	5	7	5	2	0	0	2	44	431	835	469	87	15	1	0	6	5	1	7	2	5	C
A	6	2	5	7	6	2	0	0	0	2	17	51	72	42	13	1	0	6	5	2	7	2	6	C
A	6	2	4	7	6	1	0	0	0	3	61	506	1505	1127	236	9	0	6	4	2	7	1	6	C
A	6	3	4	7	7	1	0	0	0	0	3	16	54	93	58	7	0	6	4	3	7	1	7	C
A	6	3	3	7	7	0	0	0	0	0	4	34	283	1505	1881	251	0	6	3	3	7	0	7	C
												Δτ = 8												
B	6	0	6	7	5	3	0	0	4	25	55	47	23	3	1	0	0	6	6	0	7	3	5	B
B	6	1	5	7	6	2	0	0	0	3	37	97	110	53	14	1	0	6	5	1	7	2	6	B
B	6	2	4	7	7	1	0	0	0	0	2	18	72	112	65	7	0	6	4	2	7	1	7	B
												Δτ = 9												
C	6	0	6	7	5	2	0	0	3	20	34	19	3	0	0	0	0	6	6	0	7	2	5	A
C	6	1	6	7	6	2	0	0	0	0	1	1	1	0	0	0	0	6	6	1	7	2	6	A
C	6	1	5	7	6	1	0	0	0	3	24	48	35	6	0	0	0	6	5	1	7	1	6	A
C	6	2	5	7	7	1	0	0	0	0	0	[illegible]	1	0	0	0	0	6	5	2	7	1	7	A
C	6	2	4	7	7	0	0	0	0	0	1	9	25	21	5	0	0	6	4	2	7	0	7	A
												Δτ = 10												
B	6	1	6	7	6	1	0	0	0	0	2	2	1	0	0	0	0	6	6	1	7	1	6	B
B	6	2	5	7	7	0	0	0	0	0	1	2	3	2	0	0	0	6	5	2	7	0	7	B
												Δτ = 11												
A	6	0	6	7	6	1	0	0	0	0	1	1	1	0	0	0	0	6	6	0	7	1	6	C
A	6	1	5	7	7	0	0	0	0	0	0	1	2	2	0	0	0	6	5	1	7	0	7	C
J= 7			ΔJ = 0																					
												Δτ = 1												
A	7	4	4	7	4	3	428571	428349	424690	410589	357814	277453	229602	237926	265362	287499	294643	7	4	4	7	3	4	C
C	7	4	3	7	5	3	241071	236666	222995	203597	172800	151564	160889	204937	232694	240606	241071	7	3	4	7	3	5	A
A	7	5	3	7	5	2	669643	669524	667574	660289	633706	570625	448788	330279	302594	322565	334821	7	3	5	7	2	5	C
C	7	5	2	7	6	2	174107	171441	163210	151621	132597	111158	89863	82237	92531	105716	107143	7	2	5	7	2	6	A
A	7	6	2	7	6	1	964286	964225	963241	959588	946607	917441	850762	683516	506818	391881	361607	7	2	6	7	1	6	C
C	7	6	1	7	7	1	93750	92472	88534	83009	74002	63832	51935	37904	29773	26966	26786	7	1	6	7	1	7	A
A	7	7	1	7	7	0	1312500	1312481	1312171	1311022	1306962	1297991	1278332	1226410	1115751	872826	750000	7	1	7	7	0	7	C
												Δτ = 2												
B	7	3	4	7	4	3	294643	301800	325128	367314	494232	594018	494232	367314	325128	301800	294643	7	4	3	7	3	4	B
B	7	4	4	7	5	3	241071	245517	259842	281519	318867	353968	368602	349972	323624	301781	294643	7	4	4	7	3	5	B
B	7	4	3	7	5	2	241071	245517	259863	281978	326938	418620	568233	546249	414313	348746	334821	7	3	4	7	2	5	B
B	7	5	3	7	6	2	174107	176804	185540	198995	224474	259140	304800	350774	361990	346150	334821	7	3	5	7	2	6	B
B	7	5	2	7	6	1	174107	176804	185541	199001	224663	261627	331747	510352	605745	457571	361607	7	2	5	7	1	6	B
B	7	6	2	7	7	1	93750	95044	99239	105718	118077	135549	162778	211495	269129	334647	361607	7	2	6	7	1	7	B
B	7	6	1	7	7	0	93750	95044	99239	105718	118079	135585	163300	221478	348752	623237	750000	7	1	6	7	0	7	B
												Δτ = 3												
A	7	3	4	7	5	3	0	27	462	2142	10240	42232	127323	222298	263903	287479	294643	7	4	3	7	3	5	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	7	4	4	7	5	2	241071	236666	222975	203178	166492	111026	42959	7385	1232	66	0	7	4	4	7	2	5	A
A	7	4	3	7	6	2	0	10	174	787	3031	9233	33342	132439	251310	319965	334821	7	3	4	7	2	6	C
C	7	5	3	7	6	1	174107	171441	163210	151615	132445	109522	77399	29695	5498	214	0	7	3	5	7	1	6	A
A	7	5	2	7	7	1	0	3	47	212	802	2155	5589	21327	83235	265318	361607	7	2	5	7	1	7	C
C	7	6	2	7	7	0	93750	92472	88534	83009	74001	63807	51664	34959	16878	1558	0	7	2	6	7	0	7	A
												Δτ = 5												
A	7	3	5	7	5	2	0	27	460	2018	6346	9194	5078	963	166	9	0	7	5	3	7	2	5	C
C	7	3	4	7	6	2	0	2	29	126	564	2124	4832	3518	1046	65	0	7	4	3	7	2	6	A
A	7	4	4	7	6	1	0	10	174	785	2937	7164	11807	7692	1617	65	0	7	4	4	7	1	6	C
C	7	4	3	7	7	1	0	0	4	17	60	166	526	1502	1272	150	0	7	3	4	7	1	7	A
A	7	5	3	7	7	0	0	3	47	212	801	2128	4949	9759	9178	1175	0	7	3	5	7	0	7	C
												Δτ = 6												
B	7	2	5	7	5	2	0	9	184	1204	7660	15133	7660	1204	184	9	0	7	5	2	7	2	5	B
B	7	3	5	7	6	2	0	2	32	149	547	1083	1192	589	157	9	0	7	5	3	7	2	6	B
B	7	3	4	7	6	1	0	2	32	158	868	4219	12621	9293	1794	66	0	7	4	3	7	1	6	B
B	7	4	4	7	7	1	0	0	4	21	90	260	572	768	443	47	0	7	4	4	7	1	7	B
B	7	4	3	7	7	0	0	0	4	21	93	333	1500	7206	9399	1203	0	7	3	4	7	0	7	B
												Δτ = 7												
A	7	2	5	7	6	2	0	0	0	4	80	438	753	470	141	9	0	7	5	2	7	2	6	C
C	7	3	5	7	6	1	0	2	28	119	355	535	377	62	3	0	0	7	5	3	7	1	6	A
A	7	3	4	7	7	1	0	0	0	0	3	38	255	589	397	45	0	7	4	3	7	1	7	C
C	7	4	4	7	7	0	0	0	4	17	59	130	199	146	32	0	0	7	4	4	7	0	7	A
												Δτ = 9												
A	7	2	6	7	6	1	0	0	0	2	12	25	20	4	0	0	0	7	6	2	7	1	6	C
C	7	2	5	7	7	1	0	0	0	0	2	8	11	5	1	0	0	7	5	2	7	1	7	A
A	7	3	5	7	7	0	0	0	0	0	2	10	22	19	4	0	0	7	5	3	7	0	7	C
												Δτ = 10												
B	7	1	6	7	6	1	0	0	0	5	31	50	31	5	0	0	0	7	6	1	7	1	6	B
B	7	2	6	7	7	1	0	0	0	0	0	1	1	0	0	0	0	7	6	2	7	1	7	B
B	7	2	5	7	7	0	0	0	0	0	2	16	33	23	5	0	0	7	5	2	7	0	7	B
												Δτ = 11												
A	7	1	6	7	7	1	0	0	0	0	0	0	1	0	0	0	0	7	6	1	7	1	7	C
J= 7				ΔJ = 1																				
												Δτ = 0												
B	7	4	3	8	5	4	487500	481579	462060	430985	370826	310536	291216	328644	372623	403232	412500	7	3	4	8	4	5	B
B	7	5	2	8	6	3	568750	565000	552739	533482	495518	439349	360247	298110	296639	328742	343750	7	2	5	8	3	6	B
B	7	6	1	8	7	2	656250	654158	647343	636728	616126	586092	536477	440951	351237	295499	281250	7	1	6	8	2	7	B
B	7	7	0	8	8	1	750000	749317	747095	743642	736979	727366	711736	679437	622290	507358	450000	7	0	7	8	1	8	B
												Δτ = 1												
C	7	0	7	8	1	7	450000	390931	266896	218457	200200	193004	189619	188068	187626	187507	187500	7	7	0	8	7	1	A
C	7	1	7	8	2	7	281250	268781	239734	216598	200165	193003	189619	188068	187626	187507	187500	7	7	1	8	7	2	A
C	7	1	6	8	2	6	281250	362382	468938	430502	374162	359883	353837	351032	350230	350013	350000	7	6	1	8	6	2	A
C	7	2	6	8	3	6	343750	357369	379710	382862	370546	359776	353835	351032	350230	350013	350000	7	6	2	8	6	3	A
C	7	2	5	8	3	5	343750	360003	428375	528230	541171	503521	492398	488836	487800	487517	487500	7	5	2	8	5	3	A
C	7	3	5	8	4	5	412500	421490	447363	475363	495800	496841	492191	488835	487800	487517	487500	7	5	3	8	5	4	A
C	7	3	4	8	4	4	412500	421518	449339	495344	593876	630821	610066	601268	600291	600017	600000	7	4	3	8	4	4	A
C	7	4	4	8	5	4	487500	493306	510944	534785	568364	591776	600861	601085	600289	600017	600000	7	4	4	8	4	5	A
C	7	4	3	8	5	3	487500	493306	510985	535590	579541	647875	696943	692184	687555	687499	687500	7	3	4	8	3	5	A
C	7	5	3	8	6	3	568750	572441	583736	599387	624260	649992	672374	684937	687305	687499	687500	7	3	5	8	3	6	A
C	7	5	2	8	6	2	568750	572441	583736	599405	624719	654496	699775	747016	752168	749892	750000	7	2	5	8	2	6	A
C	7	6	2	8	7	2	656250	658312	664642	673457	687668	703405	720895	738472	746984	749817	750000	7	2	6	8	2	7	A
C	7	6	1	8	7	1	656250	658312	664642	673457	687678	703561	722421	751168	778262	787096	787500	7	1	6	8	1	7	A
C	7	7	1	8	8	1	750000	750673	752743	755629	760292	765488	771469	778646	784050	787191	787500	7	1	7	8	1	8	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3 (κ)	0 (κ)	±.3 (κ)	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	7	7	0	8	8	0	750000	750673	752743	755629	760292	765491	771503	779088	786980	798167	800000	7	0	7	8	0	8	A
												Δτ = 2												
B	7	1	7	8	2	6	281250	198250	60500	21540	11701	9183	7859	7009	6590	6329	6250	7	7	1	8	6	2	B
B	7	2	6	8	3	5	343750	326058	244884	122683	45233	28247	23519	20967	19738	18978	18750	7	6	2	8	5	3	B
B	7	3	5	8	4	4	412500	403204	370527	306448	166982	76849	48524	41571	39279	37909	37500	7	5	3	8	4	4	B
B	7	4	4	8	5	3	487500	481579	462017	430082	357169	232989	117703	71672	64741	62966	62500	7	4	4	8	3	5	B
B	7	5	3	8	6	2	568750	565000	552739	533462	494950	433062	315676	163254	106113	93881	93750	7	3	5	8	2	6	B
B	7	6	2	8	7	1	656250	654158	647343	636727	616113	585871	533918	413486	260205	156213	131250	7	2	6	8	1	7	B
B	7	7	1	8	8	0	750000	749317	747095	743642	736979	727363	711679	678451	613090	445495	350000	7	1	7	8	0	8	B
												Δτ = 3												
A	7	0	7	8	2	6	0	1106	5083	4348	4158	4634	5136	5622	5939	6173	6250	7	7	0	8	6	2	C
A	7	1	7	8	3	6	0	155	1461	2952	4021	4623	5135	5622	5939	6173	6250	7	7	1	8	6	3	C
A	7	1	6	8	3	5	0	220	5271	17135	16385	14702	15648	16966	17858	18527	18750	7	6	1	8	5	3	C
A	7	2	6	8	4	5	0	91	1470	5188	10760	13865	15581	16963	17858	18527	18750	7	6	2	8	5	4	C
A	7	2	5	8	4	4	0	92	1724	9982	37509	40161	33823	34440	35920	37102	37500	7	5	2	8	4	4	C
A	7	3	5	8	5	4	0	54	928	4066	13054	23600	30687	34251	35911	37102	37500	7	5	3	8	4	5	C
A	7	3	4	8	5	3	0	54	933	4305	19764	60246	78326	62922	60935	62044	62500	7	4	3	8	3	5	C
A	7	4	4	8	6	3	0	33	568	2551	9412	22660	40799	55515	60267	62035	62500	7	4	4	8	3	6	C
A	7	4	3	8	6	2	0	33	569	2556	9700	28278	81237	130066	106720	94466	93750	7	3	4	8	2	6	C
A	7	5	3	8	7	2	0	19	329	1477	5518	14286	31754	61774	83883	93268	93750	7	3	5	8	2	7	C
A	7	5	2	8	7	1	0	19	329	1477	5523	14453	35320	105327	191160	165629	131250	7	2	5	8	1	7	C
A	7	6	2	8	8	1	0	9	149	668	2494	6491	15019	35202	66147	110414	131250	7	2	6	8	1	8	C
A	7	6	1	8	8	0	0	9	149	668	2494	6493	15078	37237	91555	254619	350000	7	1	6	8	0	8	C
												Δτ = 4												
B	7	0	7	8	3	6	0	1236	10560	13786	11278	9160	7858	7009	6590	6329	6250	7	7	0	8	6	3	B
B	7	1	6	8	4	5	0	93	2493	13175	26498	26399	23406	20963	19738	18978	18750	7	6	1	8	5	4	B
B	7	2	5	8	5	4	0	19	371	2387	14902	35607	43137	41315	39268	37909	37500	7	5	2	8	4	5	B
B	7	3	4	8	6	3	0	6	103	510	2723	12581	39334	61356	63948	62957	62500	7	4	3	8	3	6	B
B	7	4	3	8	7	2	0	2	31	149	636	2187	9138	41080	77800	92612	93750	7	3	4	8	2	7	B
B	7	5	2	8	8	1	0	0	7	34	141	424	1268	5859	26877	94953	131250	7	2	5	8	1	8	B
												Δτ = 5												
C	7	0	7	8	3	5	0	1202	8126	4619	887	258	89	23	5	0	0	7	7	0	8	5	3	A
C	7	1	7	8	4	5	0	64	554	849	551	242	89	23	5	0	0	7	7	1	8	5	4	A
C	7	1	6	8	4	4	0	91	2237	9684	8155	2058	520	124	27	2	0	7	6	1	8	4	4	A
C	7	2	6	8	5	4	0	18	284	936	1500	1077	467	124	27	2	0	7	6	2	8	4	5	A
C	7	2	5	8	5	3	0	18	334	1909	9086	10383	2941	489	99	6	0	7	5	2	8	3	5	A
C	7	3	5	8	6	3	0	6	93	385	1119	1629	1232	425	98	6	0	7	5	3	8	3	6	A
C	7	3	4	8	6	2	0	6	93	408	1772	6103	9563	2527	372	18	0	7	4	3	8	2	6	A
C	7	4	4	8	7	2	0	2	28	119	401	857	1234	875	282	18	0	7	4	4	8	2	7	A
C	7	4	3	8	7	1	0	2	28	120	414	1096	3164	6172	2113	81	0	7	3	4	8	1	7	A
C	7	5	3	8	8	1	0	0	6	27	91	209	394	560	397	52	0	7	3	5	8	1	8	A
C	7	5	2	8	8	0	0	0	6	27	91	212	444	1166	2352	651	0	7	2	5	8	0	8	A
												Δτ = 6												
B	7	1	7	8	4	4	0	65	610	951	386	74	16	3	1	0	0	7	7	1	8	4	4	B
B	7	2	6	8	5	3	0	19	316	1163	2087	1182	249	36	7	0	0	7	6	2	8	3	5	B
B	7	3	5	8	6	2	0	6	103	481	1709	3047	2266	414	56	3	0	7	5	3	8	2	6	B
B	7	4	4	8	7	1	0	2	31	149	616	1705	3385	3032	718	25	0	7	4	4	8	1	7	B
B	7	5	3	8	8	0	0	0	7	34	140	418	1124	2732	3289	541	0	7	3	5	8	0	8	B
												Δτ = 7												
A	7	0	7	8	4	4	0	0	45	182	135	37	10	3	1	0	0	7	7	0	8	4	4	C
A	7	1	7	8	5	4	0	0	1	10	23	19	9	3	1	0	0	7	7	1	8	4	5	C
A	7	1	6	8	5	3	0	0	5	122	661	585	162	29	6	0	0	7	6	1	8	3	5	C
A	7	2	6	8	6	3	0	0	0	6	38	77	66	25	6	0	0	7	6	2	8	3	6	C
A	7	2	5	8	6	2	0	0	0	11	250	1240	1438	331	50	3	0	7	5	2	8	2	6	C
A	7	3	5	8	7	2	0	0	0	1	14	64	134	111	38	3	0	7	5	3	8	2	7	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	7	3	4	8	7	1	0	0	0	1	22	249	1515	2336	645	25	0	7	4	3	8	1	7	C
A	7	4	4	8	8	1	0	0	0	0	2	13	55	134	113	16	0	7	4	4	8	1	8	C
A	7	4	3	8	8	0	0	0	0	0	2	16	144	1286	2721	527	0	7	3	4	8	0	8	C
												Δτ = 8												
B	7	0	7	8	5	4	0	0	10	46	65	38	14	3	1	0	0	7	7	0	8	4	5	B
B	7	1	6	8	6	3	0	0	1	15	99	152	102	31	7	0	0	7	6	1	8	3	6	B
B	7	2	5	8	7	2	0	0	0	1	17	103	201	139	42	3	0	7	5	2	8	2	7	B
B	7	3	4	8	8	1	0	0	0	0	1	7	58	160	125	16	0	7	4	3	8	1	8	B
												Δτ = 9												
C	7	0	7	8	5	3	0	0	9	37	38	11	1	0	0	0	0	7	7	0	8	3	5	A
C	7	1	7	8	6	3	0	0	0	1	2	1	0	0	0	0	0	7	7	1	8	3	6	A
C	7	1	6	8	6	2	0	0	1	12	64	71	23	1	0	0	0	7	6	1	8	2	6	A
C	7	2	6	8	7	2	0	0	0	0	2	3	2	0	0	0	0	7	6	2	8	2	7	A
C	7	2	5	8	7	1	0	0	0	1	11	51	68	19	1	0	0	7	5	2	8	1	7	A
C	7	3	5	8	8	1	0	0	0	0	0	1	2	1	0	0	0	7	5	3	8	1	8	A
C	7	3	4	8	8	0	0	0	0	0	0	4	20	31	10	0	0	7	4	3	8	0	8	A
												Δτ = 10												
B	7	1	7	8	6	2	0	0	0	1	3	3	1	0	0	0	0	7	7	1	8	2	6	B
B	7	2	6	8	7	1	0	0	0	0	3	6	6	1	0	0	0	7	6	2	8	1	7	B
B	7	3	5	8	8	0	0	0	0	0	0	2	5	5	2	0	0	7	5	3	8	0	8	B
												Δτ = 11												
A	7	0	7	8	6	2	0	0	0	0	1	1	0	0	0	0	0	7	7	0	8	2	6	C
A	7	1	6	8	7	1	0	0	0	0	1	3	4	1	0	0	0	7	6	1	8	1	7	C
A	7	2	5	8	8	0	0	0	0	0	0	1	3	4	1	0	0	7	5	2	8	0	8	C
J= 8			Δ J = 0																					
												Δτ = 1												
C	8	4	4	8	5	4	306944	300556	280638	252257	213016	214413	276770	349981	371908	377444	377778	8	4	4	8	4	5	A
A	8	5	4	8	5	3	590278	590089	586989	575308	531158	430627	315281	282724	313008	344065	354167	8	4	5	8	3	5	C
C	8	5	3	8	6	3	247917	243703	230667	212223	181717	149558	135458	165399	200048	211815	212500	8	3	5	8	3	6	A
A	8	6	3	8	6	2	85CC00	849890	848092	841399	817367	761548	632178	433551	358529	372694	389583	8	3	6	8	2	6	C
C	8	6	2	8	7	2	177083	174457	166357	154973	136335	115135	90936	73160	77966	92421	94444	8	2	6	8	2	7	A
A	8	7	2	8	7	1	1156944	1156887	1155940	1152432	1140000	1112311	1050202	881585	641046	459646	413194	8	2	7	8	1	7	C
C	8	7	1	8	8	1	94444	93171	89249	83749	74789	64685	52847	38210	27976	23883	23611	8	1	7	8	1	8	A
A	8	8	1	8	8	0	1511111	1511093	1510790	1509669	1505710	1496979	1477933	1428273	1320593	1026978	850000	8	1	8	8	0	8	C
												Δτ = 2												
B	8	4	5	8	5	4	306944	313379	334026	364568	409823	430638	409823	364568	334026	313379	306944	8	5	4	8	4	5	B
B	8	4	4	8	5	3	306944	313380	334108	366385	443873	608290	649648	470121	397736	364250	354167	8	4	4	8	3	5	B
B	8	5	4	8	6	3	247917	252177	265957	287132	326675	375497	418755	421810	393630	364198	354167	8	4	5	8	3	6	B
B	8	5	3	8	6	2	247917	252177	265958	287172	327890	393327	549252	668134	516685	409791	389583	8	3	5	8	2	6	B
B	8	6	3	8	7	2	177083	179741	188357	201650	226979	262509	314793	383802	416324	404697	389583	8	3	6	8	2	7	B
B	8	6	2	8	7	1	177083	179741	188357	201651	227004	263004	322950	489817	679155	549492	413194	8	2	6	8	1	7	B
B	8	7	2	8	8	1	94444	95733	99915	106374	118709	136189	163713	215424	283962	373290	413194	8	2	7	8	1	8	B
B	8	7	1	8	8	0	94444	95733	99915	106374	118710	136195	163848	219177	335086	666359	850000	8	1	7	8	0	8	B
												Δτ = 3												
C	8	4	5	8	5	3	306944	300556	280558	250593	186920	90001	22389	3903	805	46	0	8	5	4	8	3	5	A
A	8	4	4	8	6	3	0	21	359	1625	6559	24333	96584	239107	308997	344013	354167	8	4	4	8	3	6	C
C	8	5	4	8	6	2	247917	243703	230667	212187	180739	138412	72120	13916	2079	105	0	8	4	5	8	2	6	A
A	8	5	3	8	7	2	0	8	144	648	2466	6851	21631	102612	258408	367569	389583	8	3	5	8	2	7	C
C	8	6	3	8	7	1	177083	174457	166357	154973	136314	114799	87040	42178	9082	338	0	8	3	6	8	1	7	A
A	8	6	2	8	8	1	0	2	40	181	685	1832	4555	15421	64727	275455	413194	8	2	6	8	1	8	C
C	8	7	2	8	8	0	94444	93171	89249	83749	74789	64680	52774	37057	20072	2232	0	8	2	7	8	0	8	A
												Δτ = 5												
C	8	3	5	8	6	3	0	5	81	376	2057	7142	8641	3384	795	46	0	8	5	3	8	3	6	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	8	4	5	8	6	2	0	21	359	1616	5877	12160	11451	2662	407	21	0	8	5	4	8	2	6	C
C	8	4	4	8	7	2	0	1	18	76	286	983	3349	4344	1570	103	0	8	4	4	8	2	7	A
A	8	5	4	8	7	1	0	8	144	648	2455	6424	13121	13504	3629	139	0	8	4	5	8	1	7	C
C	8	5	3	8	8	1	0	0	3	12	41	103	284	1057	1401	214	0	8	3	5	8	1	8	A
A	8	6	3	8	8	0	0	2	40	181	684	1827	4395	10032	12427	2190	0	8	3	6	8	0	8	C
												Δτ = 6												
B	8	3	6	8	6	3	0	5	89	409	1303	1871	1303	409	89	5	0	8	6	3	8	3	6	B
B	8	3	5	8	6	2	0	5	90	470	3160	13602	16231	3321	452	22	0	8	5	3	8	2	6	B
B	8	4	5	8	7	2	0	1	20	95	395	1022	1618	1119	343	21	0	8	5	4	8	2	7	B
B	8	4	4	8	7	1	0	1	20	96	440	1966	9324	15338	4015	143	0	8	4	4	8	1	7	B
B	8	5	4	8	8	1	0	0	3	15	63	193	504	934	708	91	0	8	4	5	8	1	8	B
B	8	5	3	8	8	0	0	0	3	15	63	205	813	5202	11739	2240	0	8	3	5	8	0	8	B
												Δτ = 7												
C	8	3	6	8	6	2	0	5	80	327	842	878	295	16	1	0	0	8	6	3	8	2	6	A
A	8	3	5	8	7	2	0	0	0	1	26	281	953	890	309	21	0	8	5	3	8	2	7	C
C	8	4	5	8	7	1	0	1	18	76	257	509	546	156	9	0	0	8	5	4	8	1	7	A
A	8	4	4	8	8	1	0	0	0	0	1	15	149	670	632	89	0	8	4	4	8	1	8	C
C	8	5	4	8	8	0	0	0	3	12	41	96	176	183	59	1	0	8	4	5	8	0	8	A
												Δτ = 9												
C	8	2	6	8	7	2	0	0	0	1	13	34	27	5	0	0	0	8	6	2	8	2	7	A
A	8	3	6	8	7	1	0	0	0	1	11	36	48	15	1	0	0	8	6	3	8	1	7	C
C	8	3	5	8	8	1	0	0	0	0	0	4	12	9	2	0	0	8	5	3	8	1	8	A
A	8	4	5	8	8	0	0	0	0	0	1	8	25	34	11	0	0	8	5	4	8	0	8	C
												Δτ = 10												
B	8	2	7	8	7	2	0	0	0	0	2	3	2	0	0	0	0	8	7	2	8	2	7	B
B	8	2	6	8	7	1	0	0	0	1	20	68	74	19	1	0	0	8	6	2	8	1	7	B
B	8	3	6	8	8	1	0	0	0	0	0	1	2	1	0	0	0	8	6	3	8	1	8	B
B	8	3	5	8	8	0	0	0	0	0	1	8	35	42	13	0	0	8	5	3	8	0	8	B
												Δτ = 11												
C	8	2	7	8	7	1	0	0	0	0	1	1	1	0	0	0	0	8	7	2	8	1	7	A
A	8	2	6	8	8	1	0	0	0	0	0	1	1	1	0	0	0	8	6	2	8	1	8	C
C	8	3	6	8	8	0	0	0	0	0	0	1	1	0	0	0	0	8	6	3	8	0	8	A
J= 8			Δ J = 1																					
												Δτ = 0												
B	8	4	4	9	5	5	505556	497305	469943	426009	349048	312113	349048	426009	469943	497305	505556	8	4	4	9	5	5	B
B	8	5	3	9	6	4	583333	577747	559419	530405	472335	390455	321214	328596	379483	420788	433333	8	3	5	9	4	6	B
B	8	6	2	9	7	3	666667	663022	651128	632523	596079	541985	453355	344009	315378	346928	366667	8	2	6	9	3	7	B
B	8	7	1	9	8	2	755556	753492	746772	736322	716102	686768	638508	538719	415939	327593	305556	8	1	7	9	2	8	B
B	8	8	0	9	9	1	850000	849323	847120	843701	837110	827625	812256	780650	723506	583253	500000	8	0	8	9	1	9	B
												Δτ = 1												
C	8	0	8	9	1	8	500000	413637	263665	220008	201836	194486	191041	189465	189017	188896	188889	8	8	0	9	8	1	A
C	8	1	8	9	2	8	305556	286940	247014	219386	201828	194485	191041	189465	189017	188896	188889	8	8	1	9	8	2	A
C	8	1	7	9	2	7	305556	413955	506435	429087	379406	365867	359538	356623	355794	355569	355556	8	7	1	9	7	2	A
C	8	2	7	9	3	7	366667	384128	405915	399369	378543	365850	359538	356623	355794	355569	355556	8	7	2	9	7	3	A
C	8	2	6	9	3	6	366667	388865	489541	588921	547407	514095	505363	501450	500324	500019	500000	8	6	2	9	6	3	A
C	8	3	6	9	4	6	433333	445430	478392	509585	520596	512843	505342	501450	500324	500019	500000	8	6	3	9	6	4	A
C	8	3	5	9	4	5	433333	445493	483679	556152	667054	653536	628637	623852	622592	622244	622222	8	5	3	9	5	4	A
C	8	4	5	9	5	5	505556	513628	538018	570165	609505	626863	627188	623842	622592	622244	622222	8	5	4	9	5	5	A
C	8	4	4	9	5	4	505556	513628	538146	572718	644735	733573	740704	723804	722525	722241	722222	8	4	4	9	4	5	A
C	8	5	4	9	6	4	583333	588825	605593	628730	664750	697875	718104	722957	722518	722241	722222	8	4	5	9	4	6	A
C	8	5	3	9	6	3	583333	588825	605595	628812	666802	718336	790851	807770	800193	799990	800000	8	3	5	9	3	6	A
C	8	6	3	9	7	3	666667	670256	681260	696553	721123	747911	775053	794586	799425	799990	800000	8	3	6	9	3	7	A
C	8	6	2	9	7	2	666667	670256	681260	696554	721195	748992	785774	842676	857829	855444	855556	8	2	6	9	2	7	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	8	7	2	9	8	2	755556	757591	763842	772558	786635	802312	820199	840009	851183	855283	855556	8	2	7	9	2	8	A
C	8	7	1	9	8	1	755556	757591	763842	772558	786636	802345	820668	845993	875141	888284	888889	8	1	7	9	1	8	A
C	8	8	1	9	9	1	850000	850668	852721	855586	860220	865390	871362	878660	884551	888457	888889	8	1	8	9	1	9	A
C	8	8	0	9	9	0	850000	850668	852721	855586	860220	865391	871371	878837	886137	897518	900000	8	0	8	9	0	9	A
												Δτ = 2												
B	8	1	8	9	2	7	305556	194066	46677	17030	10283	8159	6988	6232	5859	5626	5556	8	8	1	9	7	2	B
B	8	2	7	9	3	6	366667	342089	225323	90042	34367	24611	20936	18663	17557	16873	16667	8	7	2	9	6	3	B
B	8	3	6	9	4	5	433333	420724	374501	276858	114549	54853	41705	37112	35007	33718	33333	8	6	3	9	5	4	B
B	8	4	5	9	5	4	505556	497304	469807	423141	306429	152655	78005	61137	57898	56091	55556	8	5	4	9	4	5	B
B	8	5	4	9	6	3	583333	577747	559417	530313	469793	362486	198291	101137	85738	83732	83333	8	4	5	9	3	6	B
B	8	6	3	9	7	2	666667	663022	651128	632521	595989	540461	435810	240156	139827	116427	116667	8	3	6	9	2	7	B
B	8	7	2	9	8	1	755556	753492	746772	736322	716100	686722	637718	525672	344409	191754	155556	8	2	7	9	1	8	B
B	8	8	1	9	9	0	850000	849323	847120	843701	837110	827624	812241	780254	718517	530114	400000	8	1	8	9	0	9	B
												Δτ = 3												
A	8	0	8	9	2	7	0	1431	4320	3462	3641	4108	4560	4995	5278	5487	5556	8	8	0	9	7	2	C
A	8	1	8	9	3	7	0	203	1621	2843	3607	4106	4560	4995	5278	5487	5556	8	8	1	9	7	3	C
A	8	1	7	9	3	6	0	318	7401	15857	12577	12671	13835	15052	15861	16466	16667	8	7	1	9	6	3	C
A	8	2	7	9	4	6	0	126	1942	6065	10524	12511	13826	15052	15861	16466	16667	8	7	2	9	6	4	C
A	8	2	6	9	4	5	0	128	2542	15466	36352	29584	28453	30384	31843	32959	33333	8	6	2	9	5	4	C
A	8	3	6	9	5	5	0	76	1309	5580	15789	24004	27986	30368	31842	32959	33333	8	6	3	9	5	5	C
A	8	3	5	9	5	4	0	76	1324	6387	32630	67013	56363	51903	53522	55036	55556	8	5	3	9	4	5	C
A	8	4	5	9	6	4	0	49	842	3779	13608	29532	44036	51126	53486	55036	55556	8	5	4	9	4	6	C
A	8	4	4	9	6	3	0	49	843	3800	15050	50113	107282	91932	82563	82944	83333	8	4	4	9	3	6	C
A	8	5	4	9	7	3	0	31	540	2425	9063	23089	46886	72027	80691	82920	83333	8	4	5	9	3	7	C
A	8	5	3	9	7	2	0	31	540	2426	9103	24469	68800	160560	143937	118632	116667	8	3	5	9	2	7	C
A	8	6	3	9	8	2	0	19	321	1441	5389	14028	32095	68236	100806	116251	116667	8	3	6	9	2	8	C
A	8	6	2	9	8	1	0	19	321	1441	5390	14061	33130	94298	210422	206079	155556	8	2	6	9	1	8	C
A	8	7	2	9	9	1	0	9	147	662	2474	6441	14939	35618	70162	126550	155556	8	2	7	9	1	9	C
A	8	7	1	9	9	0	0	9	147	662	2474	6441	14955	36380	85838	269505	400000	8	1	7	9	0	9	C
												Δτ = 4												
B	8	0	8	9	3	7	0	2112	13255	13673	10179	8155	6988	6232	5859	5626	5556	8	8	0	9	7	3	B
B	8	1	7	9	4	6	0	175	4879	20367	27823	24258	20921	18662	17557	16873	16667	8	7	1	9	6	4	B
B	8	2	6	9	5	5	0	35	740	5332	27463	42128	40908	37091	35007	33718	33333	8	6	2	9	5	5	B
B	8	3	5	9	6	4	0	12	210	1089	7029	30080	56055	60065	57855	56091	55556	8	5	3	9	4	6	B
B	8	4	4	9	7	3	0	4	74	357	1600	6761	30125	72542	83486	83707	83333	8	4	4	9	3	7	B
B	8	5	3	9	8	2	0	1	25	118	496	1551	5694	31996	84425	113889	116667	8	3	5	9	2	8	B
B	8	6	2	9	9	1	0	0	6	28	118	354	1016	4175	20920	101599	155556	8	2	6	9	1	9	B
												Δτ = 5												
C	8	0	8	9	3	6	0	2048	9008	3073	555	186	66	17	4	0	0	8	8	0	9	6	3	A
C	8	1	8	9	4	6	0	108	773	911	457	184	66	17	4	0	0	8	8	1	9	6	4	A
C	8	1	7	9	4	5	0	170	4348	13273	5123	1149	349	88	19	1	0	8	7	1	9	5	4	A
C	8	2	7	9	5	5	0	34	505	1441	1672	907	343	88	19	1	0	8	7	2	9	5	5	A
C	8	2	6	9	5	4	0	35	667	4244	14383	6752	1431	302	65	4	0	8	6	2	9	4	5	A
C	8	3	6	9	6	4	0	11	187	758	1896	2025	1074	297	65	4	0	8	6	3	9	4	6	A
C	8	3	5	9	6	3	0	11	189	872	4551	12719	6984	1043	192	11	0	8	5	3	9	3	6	A
C	8	4	5	9	7	3	0	4	67	284	936	1774	1841	783	188	11	0	8	5	4	9	3	7	A
C	8	4	4	9	7	2	0	4	67	285	1042	3381	9315	4853	691	31	0	8	4	4	9	2	7	A
C	8	5	4	9	8	2	0	1	22	94	321	729	1246	1172	449	31	0	8	4	5	9	2	8	A
C	8	5	3	9	8	1	0	1	22	94	322	777	1997	5670	3304	134	0	8	3	5	9	1	8	A
C	8	6	3	9	9	1	0	0	5	23	77	177	344	554	477	76	0	8	3	6	9	1	9	A
C	8	6	2	9	9	0	0	0	5	23	77	177	356	836	1960	887	0	8	2	6	9	0	9	A
												Δτ = 6												
B	8	1	8	9	4	5	0	111	843	898	193	34	9	2	0	0	0	8	8	1	9	5	4	B
B	8	2	7	9	5	4	0	35	561	1770	1967	553	95	18	4	0	0	8	7	2	9	4	5	B
B	8	3	6	9	6	3	0	12	208	946	2847	3205	1017	125	21	1	0	8	6	3	9	3	6	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	8	4	5	9	7	2	0	4	74	354	1436	3472	4324	1207	150	6	0	8	5	4	9	2	7	B
B	8	5	4	9	8	1	0	1	25	118	493	1456	3502	4823	1612	57	0	8	4	5	9	1	8	B
B	8	6	3	9	9	0	0	0	6	28	118	353	980	2736	4268	1002	0	8	3	6	9	0	9	B
												Δτ = 7												
A	8	0	8	9	4	5	0	1	70	176	68	17	6	2	0	0	0	8	8	0	9	5	4	C
A	8	1	8	9	5	5	0	0	3	14	21	14	6	2	0	0	0	8	8	1	9	5	5	C
A	8	1	7	9	5	4	0	0	14	247	666	276	62	14	3	0	0	8	7	1	9	4	5	C
A	8	2	7	9	6	4	0	0	1	12	60	79	46	14	3	0	0	8	7	2	9	4	6	C
A	8	2	6	9	6	3	0	0	1	37	646	1513	659	100	19	1	0	8	6	2	9	3	6	C
A	8	3	6	9	7	3	0	0	0	4	39	127	162	75	19	1	0	8	6	3	9	3	7	C
A	8	3	5	9	7	2	0	0	0	4	94	959	2566	963	135	6	0	8	5	3	9	2	7	C
A	8	4	5	9	8	2	0	0	0	1	10	58	177	214	87	6	0	8	5	4	9	2	8	C
A	8	4	4	9	8	1	0	0	0	1	11	111	1043	3484	1443	55	0	8	4	4	9	1	8	C
A	8	5	4	9	9	1	0	0	0	0	1	9	47	161	182	31	0	8	4	5	9	1	9	C
A	8	5	3	9	9	0	0	0	0	0	1	10	76	904	3255	974	0	8	3	5	9	0	9	C
												Δτ = 8												
B	8	0	8	9	5	5	0	0	21	67	61	27	9	2	0	0	0	8	8	0	9	5	5	B
B	8	1	7	9	6	4	0	0	2	43	165	157	71	17	4	0	0	8	7	1	9	4	6	B
B	8	2	6	9	7	3	0	0	0	3	71	238	247	93	21	1	0	8	6	2	9	3	7	B
B	8	3	5	9	8	2	0	0	0	0	5	63	247	266	97	6	0	8	5	3	9	2	8	B
B	8	4	4	9	9	1	0	0	0	0	0	3	33	180	201	32	0	8	4	4	9	1	9	B
												Δτ = 9												
C	8	0	8	9	5	4	0	0	19	53	31	4	0	0	0	0	0	8	8	0	9	4	5	A
C	8	1	8	9	6	4	0	0	0	2	3	1	0	0	0	0	0	8	8	1	9	4	6	A
C	8	1	7	9	6	3	0	0	2	35	105	63	8	0	0	0	0	8	7	1	9	3	6	A
C	8	2	7	9	7	3	0	0	0	1	4	5	2	0	0	0	0	8	7	2	9	3	7	A
C	8	2	6	9	7	2	0	0	0	3	46	117	72	6	0	0	0	8	6	2	9	2	7	A
C	8	3	6	9	8	2	0	0	0	0	1	4	5	1	0	0	0	8	6	3	9	2	8	A
C	8	3	5	9	8	1	0	0	0	0	3	32	86	44	3	0	0	8	5	3	9	1	8	A
C	8	4	5	9	9	1	0	0	0	0	0	1	2	2	0	0	0	8	5	4	9	1	9	A
C	8	4	4	9	9	0	0	0	0	0	0	1	12	36	18	0	0	8	4	4	9	0	9	A
												Δτ = 10												
B	8	1	8	9	6	3	0	0	0	2	4	2	0	0	0	0	0	8	8	1	9	3	6	B
B	8	2	7	9	7	2	0	0	0	1	6	10	5	0	0	0	0	8	7	2	9	2	7	B
B	8	3	6	9	8	1	0	0	0	0	2	8	13	5	0	0	0	8	6	3	9	1	8	B
B	8	4	5	9	9	0	0	0	0	0	0	1	6	9	4	0	0	8	5	4	9	0	9	B
												Δτ = 11												
A	8	0	8	9	6	3	0	0	0	0	1	1	0	0	0	0	0	8	8	0	9	3	6	C
A	8	1	7	9	7	2	0	0	0	0	2	5	3	0	0	0	0	8	7	1	9	2	7	C
A	8	2	6	9	8	1	0	0	0	0	0	4	8	4	0	0	0	8	6	2	9	1	8	C
A	8	3	5	9	9	0	0	0	0	0	0	0	3	7	4	0	0	8	5	3	9	0	9	C
J= 9			ΔJ = 0																					
												Δτ = 1												
A	9	5	5	9	5	4	527778	527501	522963	505611	437611	318598	260279	294392	333262	360695	369444	9	5	5	9	4	5	C
C	9	5	4	9	6	4	316667	310683	292120	265664	221919	189401	216128	297160	329352	337303	337778	9	4	5	9	4	6	A
A	9	6	4	9	6	3	760000	759829	757034	746586	708330	615228	442208	334938	356667	397938	411667	9	4	6	9	3	6	C
C	9	6	3	9	7	3	253333	249234	236574	218727	189276	155624	125488	135766	172563	189035	190000	9	3	6	9	3	7	A
A	9	7	3	9	7	2	1034444	1034340	1032637	1026311	1003753	952509	831672	569621	423454	421070	443333	9	3	7	9	2	7	C
C	9	7	2	9	8	2	179444	176844	168827	157573	139187	118316	93734	68887	67259	81723	84444	9	2	7	9	2	8	A
A	9	8	2	9	8	1	1351111	1351055	1350135	1346725	1334661	1307916	1248714	1087262	799399	532163	464444	9	2	8	9	1	8	C
C	9	8	1	9	9	1	95000	93730	89818	84334	75407	65347	53571	38801	27069	21499	21111	9	1	8	9	1	9	A
A	9	9	1	9	9	0	1710000	1709982	1709685	1708584	1704699	1696141	1677528	1629435	1525777	1192380	950000	9	1	9	9	0	9	C
												Δτ = 2												

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}						κ						J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
							∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0							
B	9	4	5	9	5	4	369444	378237	406527	451987	591129	748816	591129	451987	406527	378237	369444	9	5	4	9	4	5	B
B	9	5	5	9	6	4	316667	322710	342228	372110	425861	477573	488884	445934	406268	378236	369444	9	5	5	9	4	6	B
B	9	5	4	9	6	3	316667	322710	342232	372289	431819	557120	745612	594882	472469	425321	411667	9	4	5	9	3	6	B
B	9	6	4	9	7	3	253333	257480	270915	291622	330990	384668	449847	485631	462468	425200	411667	9	4	6	9	3	7	B
B	9	6	3	9	7	2	253333	257480	270915	291626	331172	388584	510850	747104	633840	471822	443333	9	3	6	9	2	7	B
B	9	7	3	9	8	2	179444	182077	190614	203795	228955	264553	319485	405893	464267	462569	443333	9	3	7	9	2	8	B
B	9	7	2	9	8	1	179444	182077	190614	203795	228959	264653	321746	464191	720530	648184	464444	9	2	7	9	1	8	B
B	9	8	2	9	9	1	95000	96286	100458	106904	119219	136690	164307	217501	294217	408560	464444	9	2	8	9	1	9	B
B	9	8	1	9	9	0	95000	96286	100458	106904	119219	136691	164343	218875	324242	697096	950000	9	1	8	9	0	9	B
												Δτ = 3												
A	9	4	5	9	6	4	0	36	617	2817	12685	57082	180573	288854	333009	360694	369444	9	5	4	9	4	6	C
C	9	5	5	9	6	3	316667	310683	292116	265499	217210	140229	44416	6679	1268	72	0	9	5	5	9	3	6	A
A	9	5	4	9	7	3	0	17	294	1327	5112	15793	64394	234222	346864	397816	411667	9	4	5	9	3	7	C
C	9	6	4	9	7	2	253333	249234	236574	218724	189127	153061	97893	24165	3344	155	0	9	4	6	9	2	7	A
A	9	6	3	9	8	2	0	7	122	551	2093	5670	15623	74478	249002	411720	443333	9	3	6	9	2	8	C
C	9	7	3	9	8	1	179444	176844	168827	157573	139184	118247	92596	52669	13855	506	0	9	3	7	9	1	8	A
A	9	7	2	9	9	1	0	2	35	158	597	1596	3922	11959	49694	276960	464444	9	2	7	9	1	9	C
C	9	8	2	9	9	0	95000	93730	89818	84334	75407	65346	53551	38357	22494	3029	0	9	2	8	9	0	9	A
												Δτ = 5												
A	9	4	6	9	6	3	0	36	617	2771	9395	13849	5948	935	182	11	0	9	6	4	9	3	6	C
C	9	4	5	9	7	3	0	3	49	214	911	3850	8929	4959	1237	72	0	9	5	4	9	3	7	A
A	9	5	5	9	7	2	0	17	294	1326	5019	12358	17885	6257	889	42	0	9	5	5	9	2	7	C
C	9	5	4	9	8	2	0	1	12	52	184	523	1921	4499	2145	152	0	9	4	5	9	2	8	A
A	9	6	4	9	8	1	0	7	122	551	2091	5592	12780	18890	7091	272	0	9	4	6	9	1	8	C
C	9	6	3	9	9	1	0	0	2	9	30	73	175	677	1373	287	0	9	3	6	9	1	9	A
A	9	7	3	9	9	0	0	2	35	158	597	1595	3883	9663	14916	3709	0	9	3	7	9	0	9	C
												Δτ = 6												
B	9	3	6	9	6	3	0	11	202	1169	9047	22515	9047	1169	202	11	0	9	6	3	9	3	6	B
B	9	4	6	9	7	3	0	3	54	263	1049	2209	2245	874	197	11	0	9	6	4	9	3	7	B
B	9	4	5	9	7	2	0	3	54	267	1401	7635	21532	7752	988	43	0	9	5	4	9	2	7	B
B	9	5	5	9	8	2	0	1	13	65	278	825	1748	1740	640	42	0	9	5	5	9	2	8	B
B	9	5	4	9	8	1	0	1	13	65	283	1046	5457	18935	7785	279	0	9	4	5	9	1	8	B
B	9	6	4	9	9	1	0	0	2	11	46	143	411	988	990	159	0	9	4	6	9	1	9	B
B	9	6	3	9	9	0	0	0	2	11	46	145	499	3367	12432	3783	0	9	3	6	9	0	9	B
												Δτ = 7												
A	9	3	6	9	7	3	0	0	0	4	122	878	1428	699	178	11	0	9	6	3	9	3	7	C
C	9	4	6	9	7	2	0	3	49	210	681	1085	649	54	2	0	0	9	6	4	9	2	7	A
A	9	4	5	9	8	2	0	0	0	1	9	126	871	1369	576	41	0	9	5	4	9	2	8	C
C	9	5	5	9	8	1	0	1	12	52	181	412	604	288	23	0	0	9	5	5	9	1	8	A
A	9	5	4	9	9	1	0	0	0	0	1	7	73	624	876	155	0	9	4	5	9	1	9	C
C	9	6	4	9	9	0	0	0	2	9	30	72	144	196	89	1	0	9	4	6	9	0	9	A
												Δτ = 9												
A	9	3	7	9	7	2	0	0	0	3	30	68	46	4	0	0	0	9	7	3	9	2	7	C
C	9	3	6	9	8	2	0	0	0	0	4	29	40	12	1	0	0	9	6	3	9	2	8	A
A	9	4	6	9	8	1	0	0	0	1	7	36	75	40	3	0	0	9	6	4	9	1	8	C
C	9	4	5	9	9	1	0	0	0	0	0	2	10	12	3	0	0	9	5	4	9	1	9	A
A	9	5	5	9	9	0	0	0	0	0	1	5	23	47	23	0	0	9	5	5	9	0	9	C
												Δτ = 10												
B	9	2	7	9	7	2	0	0	0	5	70	134	70	5	0	0	0	9	7	2	9	2	7	B
B	9	3	7	9	8	2	0	0	0	0	2	5	4	1	0	0	0	9	7	3	9	2	8	B
B	9	3	6	9	8	1	0	0	0	0	7	57	113	50	4	0	0	9	6	3	9	1	8	B
B	9	4	6	9	9	1	0	0	0	0	0	1	2	2	0	0	0	9	6	4	9	1	9	B
B	9	4	5	9	9	0	0	0	0	0	0	3	27	58	26	0	0	9	5	4	9	0	9	B
												Δτ = 11												
A	9	2	7	9	8	2	0	0	0	0	0	2	3	1	0	0	0	9	7	2	9	2	8	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	9	3	7	9	8	1	0	0	0	0	1	2	2	0	0	0	0	9	7	3	9	1	8	A
A	9	3	6	9	9	1	0	0	0	0	0	0	2	2	0	0	0	9	6	3	9	1	9	C
C	9	4	6	9	9	0	0	0	0	0	0	0	1	0	0	0	0	9	6	4	9	0	9	A
J= 9			Δ J = 1																					
												Δτ = 0												
B	9	5	4	10	6	5	600000	592332	567073	526679	445043	354836	340459	418815	477547	514063	525000	9	4	5	10	5	6	B
B	9	6	3	10	7	4	680000	674628	657054	629407	574508	491473	380211	337067	385396	438619	455000	9	3	6	10	4	7	B
B	9	7	2	10	8	3	765000	761429	749787	731623	696230	644115	556274	408611	340604	364960	390000	9	2	7	10	3	8	B
B	9	8	1	10	9	2	855000	852957	846308	835976	816030	787202	740055	641153	492819	362322	330000	9	1	8	10	2	9	B
B	9	9	0	10	10	1	950000	949327	947140	943746	937211	927822	912653	881613	825373	664661	550000	9	0	9	10	1	10	B
												Δτ = 1												
C	9	0	9	10	1	9	550000	430202	261532	221520	203119	195662	192176	190583	190130	190007	190000	9	9	0	10	9	1	A
C	9	1	9	10	2	9	330000	303752	252333	221311	203117	195662	192176	190583	190130	190007	190000	9	9	1	10	9	2	A
C	9	1	8	10	2	8	330000	468906	528681	426058	384419	370594	364080	361093	360244	360014	360000	9	8	1	10	8	2	A
C	9	2	8	10	3	8	390000	411553	429543	411404	384218	370591	364080	361093	360244	360014	360000	9	8	2	10	8	3	A
C	9	2	7	10	3	7	390000	419590	558129	627779	548722	524571	515651	511518	510338	510020	510000	9	7	2	10	7	3	A
C	9	3	7	10	4	7	455000	470687	512011	541004	538509	524366	515648	511518	510338	510020	510000	9	7	3	10	7	4	A
C	9	3	6	10	4	6	455000	470819	522232	630869	711368	661930	646684	641820	640407	640024	640000	9	6	3	10	6	4	A
C	9	4	6	10	5	6	525000	535670	567687	608077	647067	652964	646525	641820	640407	640024	640000	9	6	4	10	6	5	A
C	9	4	5	10	5	5	525000	535671	568033	615262	728457	791362	760530	751853	750426	750025	750000	9	5	4	10	5	5	A
C	9	5	5	10	6	5	600000	607525	630447	661894	708705	742862	753587	751801	750426	750025	750000	9	5	5	10	5	6	A
C	9	5	4	10	6	4	600000	607525	630454	662189	716402	804277	860850	842799	840289	840019	840000	9	4	5	10	4	6	A
C	9	6	4	10	7	4	680000	685287	701464	723895	759740	797157	827709	839788	840263	840019	840000	9	4	6	10	4	7	A
C	9	6	3	10	7	3	680000	685287	701465	723903	760101	802744	871658	918395	910743	909977	910000	9	3	6	10	3	7	A
C	9	7	3	10	8	3	765000	768519	779317	794347	818573	845426	874872	900705	908821	909976	910000	9	3	7	10	3	8	A
C	9	7	2	10	8	2	765000	768519	779317	794347	818583	845680	878521	933857	961315	959921	960000	9	2	7	10	2	8	A
C	9	8	2	10	9	2	855000	857015	863209	871850	885821	901414	919383	940456	954038	959614	960000	9	2	8	10	2	9	A
C	9	8	1	10	9	1	855000	857015	863209	871850	885821	901420	919526	943104	971236	989131	990000	9	1	8	10	1	9	A
C	9	9	1	10	10	1	950000	950664	952704	955553	960162	965312	971269	978612	984810	989425	990000	9	1	9	10	1	10	A
C	9	9	0	10	10	0	950000	950664	952704	955553	960162	965312	971272	978683	985660	996817	1000000	9	0	9	10	0	10	A
												Δτ = 2												
B	9	1	9	10	2	8	330000	186059	36427	14337	9226	7341	6289	5609	5273	5064	5000	9	9	1	10	8	2	B
B	9	2	8	10	3	7	390000	356731	198638	66249	28796	22102	18862	16809	15808	15187	15000	9	8	2	10	7	3	B
B	9	3	7	10	4	6	455000	438484	374530	235375	79711	45173	37554	33498	31552	30357	30000	9	7	3	10	6	4	B
B	9	4	6	10	5	5	525000	514062	477178	410772	239901	100569	63045	55317	52340	50536	50000	9	6	4	10	5	5	B
B	9	5	5	10	6	4	600000	592332	567065	526347	435608	270154	123119	82207	77658	75603	75000	9	5	5	10	4	6	B
B	9	6	4	10	7	3	680000	674628	657054	629398	574058	483709	308810	140444	107597	105164	105000	9	4	6	10	3	7	B
B	9	7	3	10	8	2	765000	761429	749787	731623	696217	643754	550217	337701	181057	139288	140000	9	3	7	10	2	8	B
B	9	8	2	10	9	1	855000	852957	846308	835976	816030	787193	739814	635330	440876	230549	180000	9	2	8	10	1	9	B
B	9	9	1	10	10	0	950000	949327	947140	943746	937211	927822	912649	881454	822693	620162	450000	9	1	9	10	0	10	B
												Δτ = 3												
A	9	0	9	10	2	8	0	1746	3548	2913	3259	3690	4101	4494	4750	4938	5000	9	9	0	10	8	2	C
A	9	1	9	10	3	8	0	255	1712	2665	3250	3690	4101	4494	4750	4938	5000	9	9	1	10	8	3	C
A	9	1	8	10	3	7	0	446	9336	13049	10467	11293	12412	13529	14267	14817	15000	9	8	1	10	7	3	C
A	9	2	8	10	4	7	0	168	2429	6585	9849	11262	12410	13529	14267	14817	15000	9	8	2	10	7	4	C
A	9	2	7	10	4	6	0	172	3684	21300	29012	24023	25255	27241	28612	29652	30000	9	7	2	10	6	4	C
A	9	3	7	10	5	6	0	103	1758	7156	17205	22670	25189	27239	28612	29652	30000	9	7	3	10	6	5	C
A	9	3	6	10	5	5	0	103	1801	9395	46014	54061	44545	46019	47950	49481	50000	9	6	3	10	5	5	C
A	9	4	6	10	6	5	0	67	1167	5220	17843	33259	42146	45945	47949	49481	50000	9	6	4	10	5	6	C
A	9	4	5	10	6	4	0	67	1168	5304	23169	76101	88737	72019	72778	74418	75000	9	5	4	10	4	6	C
A	9	5	5	10	7	4	0	45	787	3539	13184	32071	55614	69332	72663	74417	75000	9	5	5	10	4	7	C
A	9	5	4	10	7	3	0	45	787	3540	13410	39469	114364	129416	106501	104841	105000	9	4	5	10	3	7	C
A	9	6	4	10	8	3	0	30	520	2336	8748	22719	49765	86669	101856	104784	105000	9	4	6	10	3	8	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	9	6	3	10	8	2	0	30	520	2337	8753	23006	58761	172442	187101	144004	140000	9	3	6	10	2	8	C
A	9	7	3	10	9	2	0	18	315	1415	5292	13792	31912	72019	115616	139637	140000	9	3	7	10	2	9	C
A	9	7	2	10	9	1	0	18	315	1415	5292	13798	32195	85355	216073	249685	180000	9	2	7	10	1	9	C
A	9	8	2	10	10	1	0	8	147	658	2458	6400	14859	35721	72761	141266	180000	9	2	8	10	1	10	C
A	9	8	1	10	10	0	0	8	147	658	2458	6401	14863	36002	81745	278587	450000	9	1	8	10	0	10	C
												Δτ = 4												
B	9	0	9	10	3	8	0	3343	15101	13005	9200	7341	6289	5609	5273	5064	5000	9	9	0	10	8	3	B
B	9	1	8	10	4	7	0	308	8593	26205	26848	22035	18860	16809	15808	15187	15000	9	8	1	10	7	4	B
B	9	2	7	10	5	6	0	61	1392	10735	38062	42143	37441	33496	31552	30357	30000	9	7	2	10	6	5	B
B	9	3	6	10	6	5	0	21	382	2167	16100	48335	58893	55216	52338	50536	50000	9	6	3	10	5	6	B
B	9	4	5	10	7	4	0	8	146	708	3582	18310	58667	78461	77522	75603	75000	9	5	4	10	4	7	B
B	9	5	4	10	8	3	0	3	57	274	1170	4111	19499	75330	101950	105105	105000	9	4	5	10	3	8	B
B	9	6	3	10	9	2	0	1	20	97	407	1240	3970	22939	84197	134601	140000	9	3	6	10	2	9	B
B	9	7	2	10	10	1	0	0	5	24	102	305	863	3195	15992	104429	180000	9	2	7	10	1	10	B
												Δτ = 5												
C	9	0	9	10	3	7	0	3228	8622	1980	394	143	51	13	3	0	0	9	9	0	10	7	3	A
C	9	1	9	10	4	7	0	171	976	887	369	142	51	13	3	0	0	9	9	1	10	7	4	A
C	9	1	8	10	4	6	0	301	7545	13882	3007	765	258	66	14	1	0	9	8	1	10	6	4	A
C	9	2	8	10	5	6	0	58	812	1925	1606	718	257	66	14	1	0	9	8	2	10	6	5	A
C	9	2	7	10	5	5	0	60	1254	8404	14665	3647	882	213	47	3	0	9	7	2	10	5	5	A
C	9	3	7	10	6	5	0	20	335	1300	2606	1992	829	213	47	3	0	9	7	3	10	5	6	A
C	9	3	6	10	6	4	0	20	344	1736	10120	14261	3441	598	126	7	0	9	6	3	10	4	6	A
C	9	4	6	10	7	4	0	8	131	557	1750	2681	1888	573	126	7	0	9	6	4	10	4	7	A
C	9	4	5	10	7	3	0	8	131	567	2335	8875	12031	2048	332	18	0	9	5	4	10	3	7	A
C	9	5	5	10	8	3	0	3	51	219	748	1631	2227	1229	316	18	0	9	5	5	10	3	8	A
C	9	5	4	10	8	2	0	3	51	219	761	2064	6637	7636	1199	49	0	9	4	5	10	2	8	A
C	9	6	4	10	9	2	0	1	18	78	264	613	1150	1377	642	48	0	9	4	6	10	2	9	A
C	9	6	3	10	9	1	0	1	18	78	265	621	1395	4402	4463	207	0	9	3	6	10	1	9	A
C	9	7	3	10	10	1	0	0	5	20	66	152	299	521	531	105	0	9	3	7	10	1	10	A
C	9	7	2	10	10	0	0	0	5	20	66	152	302	641	1554	1123	0	9	2	7	10	0	10	A
												Δτ = 6												
B	9	1	9	10	4	6	0	175	1044	709	96	20	6	1	0	0	0	9	9	1	10	6	4	B
B	9	2	8	10	5	5	0	60	901	2302	1384	239	49	10	2	0	0	9	8	2	10	5	5	B
B	9	3	7	10	6	4	0	21	372	1619	3726	2176	376	56	11	1	0	9	7	3	10	4	6	B
B	9	4	6	10	7	3	0	8	146	696	2674	4946	2876	355	53	3	0	9	6	4	10	3	7	B
B	9	5	5	10	8	2	0	3	57	274	1149	3236	5859	2811	353	14	0	9	5	5	10	2	8	B
B	9	6	4	10	9	1	0	1	20	97	407	1223	3260	6228	3077	114	0	9	4	6	10	1	9	B
B	9	7	3	10	10	0	0	0	5	24	102	304	854	2589	4967	1680	0	9	3	7	10	0	10	B
												Δτ = 7												
A	9	0	9	10	4	6	0	1	94	141	33	10	4	1	0	0	0	9	9	0	10	6	4	C
A	9	1	9	10	5	6	0	0	4	17	18	9	4	1	0	0	0	9	9	1	10	6	5	C
A	9	1	8	10	5	5	0	0	32	382	480	120	32	8	2	0	0	9	8	1	10	5	5	C
A	9	2	8	10	6	5	0	0	2	22	73	65	30	8	2	0	0	9	8	2	10	5	6	C
A	9	2	7	10	6	4	0	0	3	100	1084	1074	245	45	10	1	0	9	7	2	10	4	6	C
A	9	3	7	10	7	4	0	0	0	9	76	168	133	43	10	1	0	9	7	3	10	4	7	C
A	9	3	6	10	7	3	0	0	0	12	312	1980	1840	284	48	3	0	9	6	3	10	3	7	C
A	9	4	6	10	8	3	0	0	0	2	29	142	275	169	45	3	0	9	6	4	10	3	8	C
A	9	4	5	10	8	2	0	0	0	2	39	495	2943	2223	317	13	0	9	5	4	10	2	8	C
A	9	5	5	10	9	2	0	0	0	0	7	45	186	332	168	13	0	9	5	5	10	2	9	C
A	9	5	4	10	9	1	0	0	0	0	7	57	584	3963	2731	111	0	9	4	5	10	1	9	C
A	9	6	4	10	10	1	0	0	0	0	1	7	38	168	255	56	0	9	4	6	10	1	10	C
A	9	6	3	10	10	0	0	0	0	0	1	7	46	575	3341	1629	0	9	3	6	10	0	10	C
												Δτ = 8												
B	9	0	9	10	5	6	0	1	37	82	51	18	6	1	0	0	0	9	9	0	10	6	5	B
B	9	1	8	10	6	5	0	0	7	92	205	129	46	10	2	0	0	9	8	1	10	5	6	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	9	2	7	10	7	4	0	0	0	14	181	329	204	54	11	1	0	9	7	2	10	4	7	B
B	9	3	6	10	8	3	0	0	0	1	28	226	414	211	50	3	0	9	6	3	10	3	8	B
B	9	4	5	10	9	2	0	0	0	0	2	27	219	409	187	13	0	9	5	4	10	2	9	B
B	9	5	4	10	10	1	0	0	0	0	0	1	16	166	278	57	0	9	4	5	10	1	10	B
												Δτ = 9												
C	9	0	9	10	5	5	0	1	33	63	18	2	0	0	0	0	0	9	9	0	10	5	5	A
C	9	1	9	10	6	5	0	0	1	3	3	1	0	0	0	0	0	9	9	1	10	5	6	A
C	9	1	8	10	6	4	0	0	6	74	125	35	3	0	0	0	0	9	8	1	10	4	6	A
C	9	2	8	10	7	4	0	0	0	2	7	5	1	0	0	0	0	9	8	2	10	4	7	A
C	9	2	7	10	7	3	0	0	0	11	117	153	38	1	0	0	0	9	7	2	10	3	7	A
C	9	3	7	10	8	3	0	0	0	1	4	9	6	1	0	0	0	9	7	3	10	3	8	A
C	9	3	6	10	8	2	0	0	0	1	18	112	135	19	1	0	0	9	6	3	10	2	8	A
C	9	4	6	10	9	2	0	0	0	0	1	4	7	3	0	0	0	9	6	4	10	2	9	A
C	9	4	5	10	9	1	0	0	0	0	1	14	77	75	9	0	0	9	5	4	10	1	9	A
C	9	5	5	10	10	1	0	0	0	0	0	1	2	3	1	0	0	9	5	5	10	1	10	A
C	9	5	4	10	10	0	0	0	0	0	0	1	6	33	26	1	0	9	4	5	10	0	10	A
												Δτ = 10												
B	9	1	9	10	6	4	0	0	1	4	4	1	0	0	0	0	0	9	9	1	10	4	6	B
B	9	2	8	10	7	3	0	0	0	3	11	10	2	0	0	0	0	9	8	2	10	3	7	B
B	9	3	7	10	8	2	0	0	0	1	7	18	15	2	0	0	0	9	7	3	10	2	8	B
B	9	4	6	10	9	1	0	0	0	0	1	8	19	13	1	0	0	9	6	4	10	1	9	B
B	9	5	5	10	10	0	0	0	0	0	0	1	5	13	8	0	0	9	5	5	10	0	10	B
												Δτ = 11												
A	9	0	9	10	6	4	0	0	0	1	1	0	0	0	0	0	0	9	9	0	10	4	6	C
A	9	1	8	10	7	3	0	0	0	0	4	5	1	0	0	0	0	9	8	1	10	3	7	C
A	9	2	7	10	8	2	0	0	0	0	2	9	10	1	0	0	0	9	7	2	10	2	8	C
A	9	3	6	10	9	1	0	0	0	0	0	3	12	10	1	0	0	9	6	3	10	1	9	C
A	9	4	5	10	10	0	0	0	0	0	0	0	3	10	7	0	0	9	5	4	10	0	10	C
												Δτ = 12												
B	9	1	8	10	8	3	0	0	0	0	0	1	0	0	0	0	0	9	8	1	10	3	8	B
B	9	2	7	10	9	2	0	0	0	0	0	0	1	0	0	0	0	9	7	2	10	2	9	B
J=10			Δ J = 0																					
												Δτ = 1												
C	10	5	5	10	6	5	381818	373796	348815	312867	256364	251620	350667	445892	470576	476890	477273	10	5	5	10	5	6	A
A	10	6	5	10	6	4	687273	687028	683024	667952	610909	474018	330407	331887	381558	417999	429545	10	5	6	10	4	6	C
C	10	6	4	10	7	4	324545	318805	301049	275893	233890	188371	178562	249652	293787	304807	305455	10	4	6	10	4	7	A
A	10	7	4	10	7	3	935455	935295	932691	922990	888015	805472	613004	403565	397856	449612	467727	10	4	7	10	3	7	C
C	10	7	3	10	8	3	257727	253702	241284	223814	195113	162148	125227	115375	148848	170505	171818	10	3	7	10	3	8	A
A	10	8	3	10	8	2	1221818	1221718	1220080	1214002	1192408	1143927	1032313	739860	501731	468171	496364	10	3	8	10	2	8	C
C	10	8	2	10	9	2	181364	178781	170821	159654	141435	120806	96436	67860	59571	72868	76364	10	2	8	10	2	9	A
A	10	9	2	10	9	1	1546364	1546308	1545408	1542069	1530270	1504181	1446880	1293160	979886	610416	515455	10	2	9	10	1	9	C
C	10	9	1	10	10	1	95455	94187	90282	84810	75904	65876	54147	39391	26764	19623	19091	10	1	9	10	1	10	A
A	10	10	1	10	10	0	1909091	1909073	1908780	1907695	1903867	1895440	1877150	1830177	1730157	1368329	1050000	10	1	10	10	0	10	C
												Δτ = 2												
B	10	5	6	10	6	5	381818	389909	415996	455662	520909	555151	520909	455662	415996	389909	381818	10	6	5	10	5	6	B
B	10	5	5	10	6	4	381818	389909	416011	456321	545154	758291	763070	543170	478375	441117	429545	10	5	5	10	4	6	B
B	10	6	5	10	7	4	324545	330349	349131	378058	432691	500825	550544	525299	477666	441115	429545	10	5	6	10	4	7	B
B	10	6	4	10	7	3	324545	330349	349131	378075	433653	523985	750945	739344	552157	485684	467727	10	4	6	10	3	7	B
B	10	7	4	10	8	3	257727	261801	275005	295381	334272	388962	466609	538852	529879	485428	467727	10	4	7	10	3	8	B
B	10	7	3	10	8	2	257727	261801	275005	295381	334298	389804	488232	769687	760287	535688	496364	10	3	7	10	2	8	B
B	10	8	3	10	9	2	181364	183979	192461	205563	230592	266094	321878	419540	505028	519858	496364	10	3	8	10	2	9	B
B	10	8	2	10	9	1	181364	183979	192461	205563	230592	266114	322510	446806	730931	752182	515455	10	2	8	10	1	9	B
B	10	9	2	10	10	1	95455	96738	100903	107340	119641	137100	164746	218641	301069	440462	515455	10	2	9	10	1	10	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	10	9	1	10	10	0	95455	96738	100903	107340	119641	137100	164755	219151	317443	716043	1050000	10	1	9	10	0	10	B
												Δτ = 3												
C	10	5	6	10	6	4	381818	373796	348801	312256	237769	111207	23946	4444	958	55	0	10	6	5	10	4	6	A
A	10	5	5	10	7	4	0	29	502	2275	9026	34334	147784	315685	380861	417996	429545	10	5	5	10	4	7	C
C	10	6	5	10	7	3	324545	318805	301049	275878	233107	174065	76249	11151	1878	105	0	10	5	6	10	3	7	A
A	10	6	4	10	8	3	0	14	249	1123	4292	12046	42439	207770	375993	449355	467727	10	4	6	10	3	8	C
C	10	7	4	10	8	2	257727	253702	241284	223814	195091	161576	115342	38093	5213	220	0	10	4	7	10	2	8	A
A	10	7	3	10	9	2	0	6	106	479	1819	4901	12564	53526	225482	452105	496364	10	3	7	10	2	9	C
C	10	8	3	10	9	1	181364	178781	170821	159654	141434	120792	96106	60261	19561	732	0	10	3	8	10	1	9	A
A	10	8	2	10	10	1	0	2	31	140	530	1414	3464	9907	38459	270716	515455	10	2	8	10	1	10	C
C	10	9	2	10	10	0	95455	94187	90282	84810	75904	65876	54142	39220	24242	3928	0	10	2	9	10	0	10	A
												Δτ = 5												
C	10	4	6	10	7	4	0	6	108	483	2525	10528	12470	4257	957	55	0	10	6	4	10	4	7	A
A	10	5	6	10	7	3	0	29	502	2271	8472	17770	13342	2124	362	21	0	10	6	5	10	3	7	C
C	10	5	5	10	8	3	0	2	33	142	526	1900	7023	6481	1787	105	0	10	5	5	10	3	8	A
A	10	6	5	10	8	2	0	14	249	1123	4280	11284	21507	12471	1801	76	0	10	5	6	10	2	8	C
C	10	6	4	10	9	2	0	1	9	37	131	336	1074	3939	2704	212	0	10	4	6	10	2	9	A
A	10	7	4	10	9	1	0	6	106	479	1819	4887	11749	22414	12187	495	0	10	4	7	10	1	9	C
C	10	7	3	10	10	1	0	0	2	7	23	55	122	426	1215	365	0	10	3	7	10	1	10	A
A	10	8	3	10	10	0	0	2	31	140	530	1414	3454	9009	16446	5803	0	10	3	8	10	0	10	C
												Δτ = 6												
B	10	4	7	10	7	4	0	7	120	578	2109	3270	2109	578	120	7	0	10	7	4	10	4	7	B
B	10	4	6	10	7	3	0	7	120	603	3885	19930	19513	2656	402	21	0	10	6	4	10	3	7	B
B	10	5	6	10	8	3	0	2	37	177	762	2058	3041	1581	382	21	0	10	6	5	10	3	8	B
B	10	5	5	10	8	2	0	2	37	177	810	3800	18955	15134	2002	78	0	10	5	5	10	2	8	B
B	10	6	5	10	9	2	0	1	10	47	201	631	1629	2314	1061	76	0	10	5	6	10	2	9	B
B	10	6	4	10	9	1	0	1	10	47	202	672	3066	18219	13157	508	0	10	4	6	10	1	9	B
B	10	7	4	10	10	1	0	0	2	8	35	109	326	951	1248	255	0	10	4	7	10	1	10	B
B	10	7	3	10	10	0	0	0	2	8	35	110	348	2129	11512	5892	0	10	3	7	10	0	10	B
												Δτ = 7												
C	10	4	7	10	7	3	0	6	108	463	1364	1516	395	14	1	0	0	10	7	4	10	3	7	A
A	10	4	6	10	8	3	0	0	0	2	42	564	1843	1261	344	21	0	10	6	4	10	3	8	C
C	10	5	6	10	8	2	0	2	33	142	495	1024	987	145	4	0	0	10	6	5	10	2	8	A
A	10	5	5	10	9	2	0	0	0	0	5	53	594	1773	954	74	0	10	5	5	10	2	9	C
C	10	6	5	10	9	1	0	1	9	37	131	315	567	421	51	0	0	10	5	6	10	1	9	A
A	10	6	4	10	10	1	0	0	0	0	0	4	36	486	1082	249	0	10	4	6	10	1	10	C
C	10	7	4	10	10	0	0	0	2	7	23	55	114	189	117	3	0	10	4	7	10	0	10	A
												Δτ = 9												
C	10	3	7	10	8	3	0	0	0	1	23	81	58	9	0	0	0	10	7	3	10	3	8	A
A	10	4	7	10	8	2	0	0	0	2	23	86	100	16	0	0	0	10	7	4	10	2	8	C
C	10	4	6	10	9	2	0	0	0	0	1	16	45	21	2	0	0	10	6	4	10	2	9	A
A	10	5	6	10	9	1	0	0	0	0	4	28	89	78	10	0	0	10	6	5	10	1	9	C
C	10	5	5	10	10	1	0	0	0	0	0	1	6	14	5	0	0	10	5	5	10	1	10	A
A	10	6	5	10	10	0	0	0	0	0	0	4	19	56	40	1	0	10	5	6	10	0	10	C
												Δτ = 10												
B	10	3	8	10	8	3	0	0	0	1	5	9	5	1	0	0	0	10	8	3	10	3	8	B
B	10	3	7	10	8	2	0	0	0	1	35	160	153	20	1	0	0	10	7	3	10	2	8	B
B	10	4	7	10	9	2	0	0	0	0	1	5	7	3	0	0	0	10	7	4	10	2	9	B
B	10	4	6	10	9	1	0	0	0	0	2	31	128	97	11	0	0	10	6	4	10	1	9	B
B	10	5	6	10	10	1	0	0	0	0	0	1	2	3	1	0	0	10	6	5	10	1	10	B
B	10	5	5	10	10	0	0	0	0	0	0	1	16	68	44	1	0	10	5	5	10	0	10	B
												Δτ = 11												
C	10	3	8	10	8	2	0	0	0	1	3	5	2	0	0	0	0	10	8	3	10	2	8	A
A	10	3	7	10	9	2	0	0	0	0	0	2	5	2	0	0	0	10	7	3	10	2	9	C
C	10	4	7	10	9	1	0	0	0	0	1	2	3	1	0	0	0	10	7	4	10	1	9	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	10	4	6	10	10	1	0	0	0	0	0	0	1	3	1	0	0	10	6	4	10	1	10	C
C	10	5	6	10	10	0	0	0	0	0	0	0	1	1	0	0	0	10	6	5	10	0	10	A
J=10			ΔJ = 1																					
												Δτ = 0												
B	10	5	5	11	6	6	618182	608166	575005	521315	415998	353649	415998	521315	575005	608166	618182	10	5	5	11	6	6	B
B	10	6	4	11	7	5	695455	688160	664229	626298	549600	437086	355609	410176	484315	531446	545455	10	4	6	11	5	7	B
B	10	7	3	11	8	4	777273	772049	754991	728262	675639	596381	466617	358793	390977	456450	477273	10	3	7	11	4	8	B
B	10	8	2	11	9	3	863636	860119	848661	830813	796163	745499	660587	491811	374136	382867	413636	10	2	8	11	3	9	B
B	10	9	1	11	10	2	954545	952518	945922	935682	915939	887486	841180	744454	580862	400085	354545	10	1	9	11	2	10	B
B	10	10	0	11	11	1	1050000	1049331	1047156	1043782	1037291	1027977	1012964	982374	927205	751265	600000	10	0	10	11	1	11	B
												Δτ = 1												
C	10	0	10	11	1	10	600000	440898	260852	222794	204153	196620	193103	191496	191040	190917	190909	10	10	0	11	10	1	A
C	10	1	10	11	2	10	354545	319130	256149	222721	204153	196620	193103	191496	191040	190917	190909	10	10	1	11	10	2	A
C	10	1	9	11	2	9	354545	526056	536759	425918	388583	374428	367787	364748	363884	363651	363636	10	9	1	11	9	2	A
C	10	2	9	11	3	9	413636	439392	450008	419895	388533	374428	367787	364748	363884	363651	363636	10	9	2	11	9	3	A
C	10	2	8	11	3	8	413636	452402	628669	642855	553941	533303	524019	519746	518530	518202	518182	10	8	2	11	8	3	A
C	10	3	8	11	4	8	477273	497053	545574	567974	551078	533268	524018	519746	518530	518202	518182	10	8	3	11	8	4	A
C	10	3	7	11	4	7	477273	497312	566341	711393	724665	673496	661701	656474	654976	654570	654545	10	7	3	11	7	4	A
C	10	4	7	11	5	7	545455	559078	599576	647082	678129	671673	661682	656474	654976	654570	654545	10	7	4	11	7	5	A
C	10	4	6	11	5	6	545455	559081	600420	665475	813901	812519	780798	774874	773210	772755	772727	10	6	4	11	6	5	A
C	10	5	6	11	6	6	618182	627995	657802	698326	753528	780256	779820	774870	773210	772755	772727	10	6	5	11	6	6	A
C	10	5	5	11	6	5	618182	627995	657825	699241	778378	893543	892577	874764	873198	872755	872727	10	5	5	11	5	6	A
C	10	6	5	11	7	5	695455	702625	724529	754825	802701	847736	872258	874534	873197	872755	872727	10	5	6	11	5	7	A
C	10	6	4	11	7	4	695455	702625	724529	754857	804170	870929	962807	960435	954800	954563	954545	10	4	6	11	4	7	A
C	10	7	4	11	8	4	777273	782417	798178	820076	855300	893835	931525	952518	954715	954563	954545	10	4	7	11	4	8	A
C	10	7	3	11	8	3	777273	782417	798178	820077	855361	895258	951638	1022496	1020054	1018141	1018182	10	3	7	11	3	8	A
C	10	8	3	11	9	3	863636	867104	877750	892583	916526	943202	973492	1004147	1016122	1018138	1018182	10	3	8	11	3	9	A
C	10	8	2	11	9	2	863636	867104	877750	892583	916528	943260	974695	1023819	1062673	1063640	1063636	10	2	8	11	2	9	A
C	10	9	2	11	10	2	954545	956546	962694	971278	985165	1000682	1018632	1040338	1055901	1063112	1063636	10	2	9	11	2	10	A
C	10	9	1	11	10	1	954545	956546	962694	971278	985165	1000683	1018675	1041489	1067352	1089698	1090909	10	1	9	11	1	10	A
C	10	10	1	11	11	1	1050000	1050660	1052690	1055526	1060116	1065248	1071191	1078547	1084928	1090172	1090909	10	1	10	11	1	11	A
C	10	10	0	11	11	0	1050000	1050660	1052690	1055526	1060116	1065248	1071192	1078575	1085384	1096109	1100000	10	0	10	11	0	11	A
												Δτ = 2												
B	10	1	10	11	2	9	354545	174946	29098	12631	8375	6672	5717	5100	4794	4603	4545	10	10	1	11	9	2	B
B	10	2	9	11	3	8	413636	369512	168236	50504	25588	20091	17157	15288	14374	13807	13636	10	9	2	11	8	3	B
B	10	3	8	11	4	7	477273	456186	368934	188079	59914	40299	34224	30503	28708	27604	27273	10	8	3	11	7	4	B
B	10	4	7	11	5	6	545455	531443	483413	389755	173176	74323	56605	50540	47699	45969	45455	10	7	4	11	6	5	B
B	10	5	6	11	6	5	618182	608166	574981	520282	386052	181981	89947	74809	71074	68841	68182	10	6	5	11	5	6	B
B	10	6	5	11	7	4	695455	688160	664228	626262	547773	405624	193975	105592	98063	96039	95455	10	5	6	11	4	7	B
B	10	7	4	11	8	3	777273	772049	754991	728261	675563	594376	434215	194577	130815	126994	127273	10	4	7	11	3	8	B
B	10	8	3	11	9	2	863636	860119	848661	830813	796161	745416	658569	449932	232099	162466	163636	10	3	8	11	2	9	B
B	10	9	2	11	10	1	954545	952518	945922	935682	915939	887484	841108	741907	546074	273061	204545	10	2	9	11	1	10	B
B	10	10	1	11	11	0	1050000	1049331	1047156	1043782	1037291	1027977	1012963	982311	925767	714929	500000	10	1	10	11	0	11	B
												Δτ = 3												
A	10	0	10	11	2	9	0	2016	2906	2561	2952	3350	3725	4085	4317	4489	4545	10	10	0	11	9	2	C
A	10	1	10	11	3	9	0	310	1741	2468	2950	3350	3725	4085	4317	4489	4545	10	10	1	11	9	3	C
A	10	1	9	11	3	8	0	609	10500	10384	9226	10213	11258	12288	12966	13469	13636	10	9	1	11	8	3	C
A	10	2	9	11	4	8	0	217	2896	6752	9058	10207	11258	12288	12966	13469	13636	10	9	2	11	8	4	C
A	10	2	8	11	4	7	0	224	5252	24906	22468	21100	22811	24703	25984	26950	27273	10	8	2	11	7	4	C
A	10	3	8	11	5	7	0	134	2273	8630	17359	20821	22802	24702	25984	26950	27273	10	8	3	11	7	5	C
A	10	3	7	11	5	6	0	134	2386	13807	50296	41059	39031	41564	43476	44955	45455	10	7	3	11	6	5	C
A	10	4	7	11	6	6	0	89	1547	6865	21431	33685	38663	41557	43476	44955	45455	10	7	4	11	6	6	C
A	10	4	6	11	6	5	0	89	1550	7151	35791	82982	66189	63539	65702	67547	68182	10	6	4	11	5	6	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	10	5	6	11	7	5	0	62	1074	4834	17796	39404	56790	63261	65696	67547	68182	10	6	5	11	5	7	C
A	10	5	5	11	7	4	0	62	1074	4842	18850	63977	124752	96029	93449	94893	95455	10	5	5	11	4	7	C
A	10	6	5	11	8	4	0	43	749	3367	12627	32352	63821	88046	93132	94892	95455	10	5	6	11	4	8	C
A	10	6	4	11	8	3	0	43	749	3367	12661	34270	101934	172465	133613	127550	127273	10	4	6	11	3	8	C
A	10	7	4	11	9	3	0	29	506	2272	8505	22196	50541	98388	123202	127431	127273	10	4	7	11	3	9	C
A	10	7	3	11	9	2	0	29	506	2272	8505	22256	53520	166226	233052	170752	163636	10	3	7	11	2	9	C
A	10	8	3	11	10	2	0	18	311	1395	5217	13599	31588	73885	127913	163223	163636	10	3	8	11	2	10	C
A	10	8	2	11	10	1	0	18	311	1395	5217	13600	31666	79876	210977	295614	204545	10	2	8	11	1	10	C
A	10	9	2	11	11	1	0	8	146	654	2445	6368	14788	35691	74352	154516	204545	10	2	9	11	1	11	C
A	10	9	1	11	11	0	0	8	146	654	2445	6368	14789	35795	79194	282528	500000	10	1	9	11	0	11	C
												$\Delta\tau$ = 4												
B	10	0	10	11	3	9	0	4955	16074	12135	8369	6671	5717	5100	4794	4603	4545	10	10	0	11	9	3	B
B	10	1	9	11	4	8	0	518	13625	29547	25059	20078	17156	15288	14374	13807	13636	10	9	1	11	8	4	B
B	10	2	8	11	5	7	0	99	2512	19032	43181	39672	34208	30503	28708	27604	27273	10	8	2	11	7	5	B
B	10	3	7	11	6	6	0	35	647	4176	30620	57379	55964	50531	47699	45969	45455	10	7	3	11	6	6	B
B	10	4	6	11	7	5	0	14	256	1271	7795	39365	73396	74423	71067	68841	68182	10	6	4	11	5	7	B
B	10	5	5	11	8	4	0	6	110	529	2345	10263	49126	94359	97680	96038	95455	10	5	5	11	4	8	B
B	10	6	4	11	9	3	0	3	46	222	936	2976	12308	68740	118035	126867	127273	10	4	6	11	3	9	B
B	10	7	3	11	10	2	0	1	17	83	345	1044	3102	16162	77729	154331	163636	10	3	7	11	2	10	B
B	10	8	2	11	11	1	0	0	5	21	89	267	754	2617	12294	103725	204545	10	2	8	11	1	11	B
												$\Delta\tau$ = 5												
C	10	0	10	11	3	8	0	4751	7364	1313	303	113	41	11	2	0	0	10	10	0	11	8	3	A
C	10	1	10	11	4	8	0	254	1136	811	297	113	41	11	2	0	0	10	10	1	11	8	4	A
C	10	1	9	11	4	7	0	505	11611	11663	1887	571	199	51	11	1	0	10	9	1	11	7	4	A
C	10	2	9	11	5	7	0	94	1201	2285	1410	563	199	51	11	1	0	10	9	2	11	7	5	A
C	10	2	8	11	5	6	0	97	2262	14257	10677	2150	637	160	35	2	0	10	8	2	11	6	5	A
C	10	3	8	11	6	6	0	34	554	1996	3014	1713	630	160	35	2	0	10	8	3	11	6	6	A
C	10	3	7	11	6	5	0	34	582	3345	17463	9635	1891	417	90	5	0	10	7	3	11	5	6	A
C	10	4	7	11	7	5	0	14	230	976	2773	3157	1584	415	90	5	0	10	7	4	11	5	7	A
C	10	4	6	11	7	4	0	14	231	1018	5075	16624	7447	1066	215	12	0	10	6	4	11	4	7	A
C	10	5	6	11	8	4	0	6	99	423	1436	2814	2720	965	214	12	0	10	6	5	11	4	8	A
C	10	5	5	11	8	3	0	6	99	424	1528	5142	13869	3787	534	29	0	10	5	5	11	3	8	A
C	10	6	5	11	9	3	0	3	42	177	607	1401	2325	1707	487	29	0	10	5	6	11	3	9	A
C	10	6	4	11	9	2	0	3	42	177	609	1493	4313	9508	1974	73	0	10	4	6	11	2	9	A
C	10	7	4	11	10	2	0	1	16	66	224	521	1021	1472	845	70	0	10	4	7	11	2	10	A
C	10	7	3	11	10	1	0	1	16	66	224	522	1089	3207	5206	307	0	10	3	7	11	1	10	A
C	10	8	3	11	11	1	0	0	4	17	58	134	263	478	558	136	0	10	3	8	11	1	11	A
C	10	8	2	11	11	0	0	0	4	17	58	134	264	525	1217	1332	0	10	2	8	11	0	11	A
												$\Delta\tau$ = 6												
B	10	1	10	11	4	7	0	260	1173	483	52	13	4	1	0	0	0	10	10	1	11	7	4	B
B	10	2	9	11	5	6	0	96	1328	2583	785	119	30	7	1	0	0	10	9	2	11	6	5	B
B	10	3	8	11	6	5	0	35	615	2474	3829	1077	168	32	7	0	0	10	8	3	11	5	6	B
B	10	4	7	11	7	4	0	14	256	1218	4182	4919	1213	144	27	1	0	10	7	4	11	4	7	B
B	10	5	6	11	8	3	0	6	110	528	2203	5471	5684	897	114	6	0	10	6	5	11	3	8	B
B	10	6	5	11	9	2	0	3	46	222	934	2791	6411	5272	757	26	0	10	5	6	11	2	9	B
B	10	7	4	11	10	1	0	1	17	83	345	1041	2904	6983	5081	213	0	10	4	7	11	1	10	B
B	10	8	3	11	11	0	0	0	5	21	89	267	752	2382	5356	2595	0	10	3	8	11	0	11	B
												$\Delta\tau$ = 7												
A	10	0	10	11	4	7	0	3	110	96	18	6	3	1	0	0	0	10	10	0	11	7	4	C
A	10	1	10	11	5	7	0	0	6	17	14	6	3	1	0	0	0	10	10	1	11	7	5	C
A	10	1	9	11	5	6	0	0	64	472	274	59	19	5	1	0	0	10	9	1	11	6	5	C
A	10	2	9	11	6	6	0	0	4	34	73	47	19	5	1	0	0	10	9	2	11	6	6	C
A	10	2	8	11	6	5	0	0	7	228	1251	537	109	26	6	0	0	10	8	2	11	5	6	C
A	10	3	8	11	7	5	0	0	1	18	117	167	91	26	6	0	0	10	8	3	11	5	7	C
A	10	3	7	11	7	4	0	0	1	30	788	2301	787	115	24	1	0	10	7	3	11	4	7	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	10	4	7	11	8	4	0	0	0	5	67	237	274	104	24	1	0	10	7	4	11	4	8	C
A	10	4	6	11	8	3	0	0	0	6	123	1510	3478	717	102	6	0	10	6	4	11	3	8	C
A	10	5	6	11	9	3	0	0	0	1	20	126	362	315	93	6	0	10	6	5	11	3	9	C
A	10	5	5	11	9	2	0	0	0	1	22	233	2356	4073	681	25	0	10	5	5	11	2	9	C
A	10	6	5	11	10	2	0	0	0	0	5	34	169	437	285	24	0	10	5	6	11	2	10	C
A	10	6	4	11	10	1	0	0	0	0	5	36	319	3601	4431	208	0	10	4	6	11	1	10	C
A	10	7	4	11	11	1	0	0	0	0	1	5	30	160	320	92	0	10	4	7	11	1	11	C
A	10	7	3	11	11	0	0	0	0	0	1	5	32	359	3025	2504	0	10	3	7	11	0	11	C
												$\Delta\tau$ = 8												
B	10	0	10	11	5	7	0	1	55	87	39	13	4	1	0	0	0	10	10	0	11	7	5	B
B	10	1	9	11	6	6	0	0	18	154	208	94	30	7	1	0	0	10	9	1	11	6	6	B
B	10	2	8	11	7	5	0	0	1	41	311	332	141	32	7	0	0	10	8	2	11	5	7	B
B	10	3	7	11	8	4	0	0	0	3	102	439	420	130	27	1	0	10	7	3	11	4	8	B
B	10	4	6	11	9	3	0	0	0	0	9	138	520	393	104	6	0	10	6	4	11	3	9	B
B	10	5	5	11	10	2	0	0	0	0	1	11	146	524	316	25	0	10	5	5	11	2	10	B
B	10	6	4	11	11	1	0	0	0	0	0	1	8	128	342	94	0	10	4	6	11	1	11	B
												$\Delta\tau$ = 9												
C	10	0	10	11	5	6	0	1	50	63	9	1	0	0	0	0	0	10	10	0	11	6	5	A
C	10	1	10	11	6	6	0	0	1	4	2	1	0	0	0	0	0	10	10	1	11	6	6	A
C	10	1	9	11	6	5	0	0	16	122	112	15	1	0	0	0	0	10	9	1	11	5	6	A
C	10	2	9	11	7	5	0	0	1	5	10	5	1	0	0	0	0	10	9	2	11	5	7	A
C	10	2	8	11	7	4	0	0	1	33	199	130	13	0	0	0	0	10	8	2	11	4	7	A
C	10	3	8	11	8	4	0	0	0	2	10	13	5	0	0	0	0	10	8	3	11	4	8	A
C	10	3	7	11	8	3	0	0	0	3	66	215	109	5	0	0	0	10	7	3	11	3	8	A
C	10	4	7	11	9	3	0	0	0	0	3	11	11	2	0	0	0	10	7	4	11	3	9	A
C	10	4	6	11	9	2	0	0	0	0	6	69	177	49	2	0	0	10	6	4	11	2	9	A
C	10	5	6	11	10	2	0	0	0	0	1	3	8	5	1	0	0	10	6	5	11	2	10	A
C	10	5	5	11	10	1	0	0	0	0	1	6	51	100	19	0	0	10	5	5	11	1	10	A
C	10	6	5	11	11	1	0	0	0	0	0	0	1	3	1	0	0	10	5	6	11	1	11	A
C	10	6	4	11	11	0	0	0	0	0	0	0	3	26	33	1	0	10	4	6	11	0	11	A
												$\Delta\tau$ = 10												
B	10	1	10	11	6	5	0	0	2	5	3	0	0	0	0	0	0	10	10	1	11	5	6	B
B	10	2	9	11	7	4	0	0	1	6	15	7	1	0	0	0	0	10	9	2	11	4	7	B
B	10	3	8	11	8	3	0	0	0	2	15	25	10	0	0	0	0	10	8	3	11	3	8	B
B	10	4	7	11	9	2	0	0	0	0	5	21	30	7	0	0	0	10	7	4	11	2	9	B
B	10	5	6	11	10	1	0	0	0	0	1	6	22	24	4	0	0	10	6	5	11	1	10	B
B	10	6	5	11	11	0	0	0	0	0	0	1	4	15	13	0	0	10	5	6	11	0	11	B
												$\Delta\tau$ = 11												
A	10	0	10	11	6	5	0	0	0	1	1	0	0	0	0	0	0	10	10	0	11	5	6	C
A	10	1	9	11	7	4	0	0	0	1	5	4	0	0	0	0	0	10	9	1	11	4	7	C
A	10	2	8	11	8	3	0	0	0	0	5	12	6	0	0	0	0	10	8	2	11	3	8	C
A	10	3	8	11	9	3	0	0	0	0	0	1	1	0	0	0	0	10	8	3	11	3	9	C
A	10	3	7	11	9	2	0	0	0	0	1	10	19	5	0	0	0	10	7	3	11	2	9	C
A	10	4	7	11	10	2	0	0	0	0	0	0	1	1	0	0	0	10	7	4	11	2	10	C
A	10	4	6	11	10	1	0	0	0	0	0	2	13	19	4	0	0	10	6	4	11	1	10	C
A	10	5	6	11	11	1	0	0	0	0	0	0	0	1	0	0	0	10	6	5	11	1	11	C
A	10	5	5	11	11	0	0	0	0	0	0	0	2	11	12	0	0	10	5	5	11	0	11	C
												$\Delta\tau$ = 12												
B	10	1	9	11	8	4	0	0	0	0	1	1	0	0	0	0	0	10	9	1	11	4	8	B
B	10	2	8	11	9	3	0	0	0	0	0	1	1	0	0	0	0	10	8	2	11	3	9	B
B	10	3	7	11	10	2	0	0	0	0	0	0	1	1	0	0	0	10	7	3	11	2	10	B
B	10	4	6	11	11	1	0	0	0	0	0	0	0	1	0	0	0	10	6	4	11	1	11	B
												$\Delta\tau$ = 13												
C	10	2	8	11	9	2	0	0	0	0	0	1	0	0	0	0	0	10	8	2	11	2	9	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
J=11			ΔJ = 0																					
												$\Delta\tau$ = 1												
A	11	6	6	11	6	5	627273	626940	621484	600729	518585	357829	293985	354277	401492	433947	444318	11	6	6	11	5	6	C
C	11	6	5	11	7	5	392045	384462	360949	327397	270694	225103	277449	392439	426617	435095	435606	11	5	6	11	5	7	A
A	11	7	5	11	7	4	853788	853563	849891	836156	785722	660277	438606	368917	425896	473040	487879	11	5	7	11	4	7	C
C	11	7	4	11	8	4	331061	325480	308242	283914	243574	196754	160552	207866	263056	277931	278788	11	4	7	11	4	8	A
A	11	8	4	11	8	3	1115152	1115000	1112526	1103325	1070404	994729	810674	497471	439005	499383	522727	11	4	8	11	3	8	C
C	11	8	3	11	9	3	261364	257390	245136	227920	199722	167484	129209	102748	128415	155080	156818	11	3	8	11	3	9	A
A	11	9	3	11	9	2	1411364	1411266	1409676	1403776	1382862	1336212	1230989	936103	597682	514518	548864	11	3	9	11	2	9	C
C	11	9	2	11	10	2	182955	180384	172465	161359	143256	122797	98679	68669	54258	65387	69697	11	2	9	11	2	10	A
A	11	10	2	11	10	1	1742424	1742370	1741484	1738199	1726598	1700994	1645026	1497304	1176919	695432	566288	11	2	10	11	1	10	C
C	11	10	1	11	11	1	95833	94567	90668	85204	76314	66308	54614	39904	26822	18129	17424	11	1	10	11	1	11	A
A	11	11	1	11	11	0	2108333	2108316	2108026	2106953	2103170	2094846	2076806	2030672	1933569	1553538	1150000	11	1	11	11	0	11	C
												$\Delta\tau$ = 2												
B	11	5	6	11	6	5	444318	454762	488410	540871	685049	904105	685049	540871	488410	454762	444318	11	6	5	11	5	6	B
B	11	6	6	11	7	5	392045	399706	424477	462595	533176	603407	607448	538758	488365	454762	444318	11	6	6	11	5	7	B
B	11	6	5	11	7	4	392045	399706	424478	462664	537419	696904	902599	647544	550630	502703	487879	11	5	6	11	4	7	B
B	11	7	5	11	8	4	331061	336706	354995	383209	437053	510875	592487	600952	548874	502697	487879	11	5	7	11	4	8	B
B	11	7	4	11	8	3	331061	336706	354995	383211	437208	516257	705038	881050	640697	545810	522727	11	4	7	11	3	8	B
B	11	8	4	11	9	3	261364	265386	278429	298570	337053	391633	474804	579996	595025	545308	522727	11	4	8	11	3	9	B
B	11	8	3	11	9	2	261364	265386	278429	298570	337057	391817	481348	748750	883897	602290	548864	11	3	8	11	2	9	B
B	11	9	3	11	10	2	182955	185557	194000	207045	231974	267367	323345	427438	538304	576490	548864	11	3	9	11	2	10	B
B	11	9	2	11	10	1	182955	185557	194000	207045	231974	267371	323525	438797	718535	859155	566288	11	2	9	11	1	10	B
B	11	10	2	11	11	1	95833	97115	101275	107704	119994	137444	165097	219323	305523	469037	566288	11	2	10	11	1	11	B
B	11	10	1	11	11	0	95833	97115	101275	107704	119994	137444	165100	219515	313986	724528	1150000	11	1	10	11	0	11	B
												$\Delta\tau$ = 3												
A	11	5	6	11	7	5	0	45	774	3522	15073	71973	235011	352314	401448	433947	444318	11	6	5	11	5	7	C
C	11	6	6	11	7	4	392045	384462	360948	327334	267298	168052	44198	6681	1391	80	0	11	6	6	11	4	7	A
A	11	6	5	11	8	4	0	24	423	1914	7385	23063	105215	327005	424159	473034	487879	11	5	6	11	4	8	C
C	11	7	5	11	8	3	331061	325480	308242	283913	243446	193255	109699	18312	2678	147	0	11	5	7	11	3	8	A
A	11	7	4	11	9	3	0	12	216	974	3713	10141	30139	167982	394121	498876	522727	11	4	7	11	3	9	C
C	11	8	4	11	9	2	261364	257390	245136	227920	199719	167356	126057	53808	7919	299	0	11	4	8	11	2	9	A
A	11	8	3	11	10	2	0	5	94	424	1609	4326	10811	39723	193315	488221	548864	11	3	8	11	2	10	C
C	11	9	3	11	10	1	182955	180384	172465	161359	143256	122794	98583	65385	25642	1027	0	11	3	9	11	1	10	A
A	11	9	2	11	11	1	0	2	28	126	476	1270	3105	8614	30431	258088	566288	11	2	9	11	1	11	C
C	11	10	2	11	11	0	95833	94567	90668	85204	76314	66308	54613	39837	25479	4896	0	11	2	10	11	0	11	A
												$\Delta\tau$ = 5												
A	11	5	7	11	7	4	0	45	774	3505	12520	18847	6386	974	208	12	0	11	7	5	11	4	7	C
C	11	5	6	11	8	4	0	4	71	311	1274	5880	13574	6031	1386	80	0	11	6	5	11	4	8	A
A	11	6	6	11	8	3	0	24	423	1914	7307	18160	22421	4547	662	37	0	11	6	6	11	3	8	C
C	11	6	5	11	9	3	0	1	24	101	362	1061	4466	7560	2439	147	0	11	5	6	11	3	9	A
A	11	7	5	11	9	2	0	12	216	974	3711	9991	22167	20812	3442	130	0	11	5	7	11	2	9	C
C	11	7	4	11	10	2	0	0	7	28	99	244	653	2983	3161	285	0	11	4	7	11	2	10	A
A	11	8	4	11	10	1	0	5	94	424	1609	4324	10597	23850	18551	853	0	11	4	8	11	1	10	C
C	11	8	3	11	11	1	0	0	1	5	18	43	93	279	988	446	0	11	3	8	11	1	11	A
A	11	9	3	11	11	0	0	2	28	126	476	1270	3103	8283	17097	8480	0	11	3	9	11	0	11	C
												$\Delta\tau$ = 6												
B	11	4	7	11	7	4	0	13	231	1219	9771	30401	9771	1219	231	13	0	11	7	4	11	4	7	B
B	11	5	7	11	8	4	0	4	79	388	1640	3667	3434	1103	230	13	0	11	7	5	11	4	8	B
B	11	5	6	11	8	3	0	4	79	389	1962	11646	29368	5677	736	38	0	11	6	5	11	3	8	B
B	11	6	6	11	9	3	0	1	26	127	552	1689	3417	2498	671	38	0	11	6	6	11	3	9	B
B	11	6	5	11	9	2	0	1	26	127	558	2123	12569	24033	3822	133	0	11	5	6	11	2	9	B
B	11	7	5	11	10	2	0	0	7	35	152	482	1393	2714	1600	127	0	11	5	7	11	2	10	B
B	11	7	4	11	10	1	0	0	7	35	152	489	1867	14449	19399	875	0	11	4	7	11	1	10	B
B	11	8	4	11	11	1	0	0	1	7	28	86	260	859	1447	385	0	11	4	8	11	1	11	B

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
						κ						
B 11 8 3 11 11 0	0	0	1	7	28	86	265	1393	9606	8548	0	11 3 8 11 0 11 B
						$\Delta\tau$ = 7						
A 11 4 7 11 8 4	0	0	0	5	154	1437	2195	881	207	12	0	11 7 4 11 4 8 C
C 11 5 7 11 8 3	0	4	71	310	1065	1791	885	41	1	0	0	11 7 5 11 3 8 A
A 11 5 6 11 9 3	0	0	0	1	18	266	1841	1985	604	37	0	11 6 5 11 3 9 C
C 11 6 6 11 9 2	0	1	24	101	359	843	1162	311	10	0	0	11 6 6 11 2 9 A
A 11 6 5 11 10 2	0	0	0	0	3	25	328	1967	1434	124	0	11 5 6 11 2 10 C
C 11 7 5 11 10 1	0	0	7	28	99	241	486	519	97	0	0	11 5 7 11 1 10 A
A 11 7 4 11 11 1	0	0	0	0	0	2	19	328	1210	375	0	11 4 7 11 1 11 C
C 11 8 4 11 11 0	0	0	1	5	18	43	91	172	140	5	0	11 4 8 11 0 11 A
						$\Delta\tau$ = 9						
A 11 4 8 11 8 3	0	0	0	5	54	135	74	4	0	0	0	11 8 4 11 3 8 C
C 11 4 7 11 9 3	0	0	0	0	8	65	85	18	1	0	0	11 7 4 11 3 9 A
A 11 5 7 11 9 2	0	0	0	1	15	82	156	45	2	0	0	11 7 5 11 2 9 C
C 11 5 6 11 10 2	0	0	0	0	0	6	39	32	4	0	0	11 6 5 11 2 10 A
A 11 6 6 11 10 1	0	0	0	0	3	20	87	123	24	0	0	11 6 6 11 1 10 C
C 11 6 5 11 11 1	0	0	0	0	0	0	3	13	7	0	0	11 5 6 11 1 11 A
A 11 7 5 11 11 0	0	0	0	0	0	2	14	59	59	2	0	11 5 7 11 0 11 C
						$\Delta\tau$ = 10						
B 11 3 8 11 8 3	0	0	0	5	113	264	113	5	0	0	0	11 8 3 11 3 8 B
B 11 4 8 11 9 3	0	0	0	0	4	12	11	2	0	0	0	11 8 4 11 3 9 B
B 11 4 7 11 9 2	0	0	0	0	12	129	237	56	2	0	0	11 7 4 11 2 9 B
B 11 5 7 11 10 2	0	0	0	0	1	4	10	6	1	0	0	11 7 5 11 2 10 B
B 11 5 6 11 10 1	0	0	0	0	1	13	111	153	26	0	0	11 6 5 11 1 10 B
B 11 6 6 11 11 1	0	0	0	0	0	0	2	4	2	0	0	11 6 6 11 1 11 B
B 11 6 5 11 11 0	0	0	0	0	0	1	8	67	65	2	0	11 5 6 11 0 11 B
						$\Delta\tau$ = 11						
A 11 3 8 11 9 3	0	0	0	0	1	6	7	2	0	0	0	11 8 3 11 3 9 C
C 11 4 8 11 9 2	0	0	0	0	3	6	4	0	0	0	0	11 8 4 11 2 9 A
A 11 4 7 11 10 2	0	0	0	0	0	2	6	5	1	0	0	11 7 4 11 2 10 C
C 11 5 7 11 10 1	0	0	0	0	0	2	3	1	0	0	0	11 7 5 11 1 10 A
A 11 5 6 11 11 1	0	0	0	0	0	0	1	3	2	0	0	11 6 5 11 1 11 C
C 11 6 6 11 11 0	0	0	0	0	0	0	1	1	0	0	0	11 6 6 11 0 11 A
						$\Delta\tau$ = 14						
B 11 2 9 11 9 2	0	0	0	0	0	1	0	0	0	0	0	11 9 2 11 2 9 B
J=11 Δ J = 1												
						$\Delta\tau$ = 0						
B 11 6 5 12 7 6	712500	703071	672031	622365	519916	396787	394896	513521	582708	624847	637500	11 5 6 12 6 7 B
B 11 7 4 12 8 5	791667	784630	761601	725320	652870	541025	400723	403356	489829	549168	566667	11 4 7 12 5 8 B
B 11 8 3 12 9 4	875000	869885	853200	827123	776098	700130	569409	397537	397689	474087	500000	11 3 8 12 4 9 B
B 11 9 2 12 10 3	962500	959023	947705	930094	895992	846387	764029	589079	417755	400799	437500	11 2 9 12 3 10 B
B 11 10 1 12 11 2	1054167	1052151	1045598	1035429	1015844	987676	942010	847345	677387	441332	379167	11 1 10 12 2 11 B
B 11 11 0 12 12 1	1150000	1149334	1147168	1143811	1137355	1128103	1113213	1082984	1028795	842467	650000	11 0 11 12 1 12 B
						$\Delta\tau$ = 1						
C 11 0 11 12 1 11	650000	446370	261169	223839	205007	197416	193875	192258	191798	191674	191667	11 11 0 12 11 1 A
C 11 1 11 12 2 11	379167	333032	258876	223813	205007	197416	193875	192258	191798	191674	191667	11 11 1 12 11 2 A
C 11 1 10 12 2 10	379167	583919	534708	428109	392008	377607	370871	367792	366917	366681	366667	11 10 1 12 10 2 A
C 11 2 10 12 3 10	437500	467403	467065	425876	391995	377607	370871	367792	366917	366681	366667	11 10 2 12 10 3 A
C 11 2 9 12 3 9	437500	487650	693964	641264	560877	540512	530970	526598	525356	525021	525000	11 9 2 12 9 3 A
C 11 3 9 12 4 9	500000	524391	578752	589697	560158	540505	530970	526598	525356	525021	525000	11 9 3 12 9 4 A
C 11 3 8 12 4 8	500000	524866	618017	782976	723948	685958	674125	668667	667112	666692	666667	11 8 3 12 8 4 A
C 11 4 8 12 5 8	566667	583623	633368	685396	701743	685635	674123	668667	667112	666692	666667	11 8 4 12 8 5 A
C 11 4 7 12 5 7	566667	583629	635272	727493	875363	819715	800182	793973	792181	791696	791667	11 7 4 12 7 5 A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	11	5	7	12	6	7	637500	649872	687341	737482	795837	808508	800065	793972	792181	791696	791667	11	7	5	12	7	6	A
C	11	5	6	12	6	6	637500	649872	687402	740038	859425	951923	911141	902427	900549	900032	900000	11	6	5	12	6	6	A
C	11	6	6	12	7	6	712500	721757	749983	788920	848908	894757	906377	902411	900549	900032	900000	11	6	6	12	6	7	A
C	11	6	5	12	7	5	712500	721757	749984	789029	854152	961205	1020025	994049	992167	991696	991667	11	5	6	12	5	7	A
C	11	7	5	12	8	5	791667	798590	819775	849155	896288	945945	983775	993160	992164	991696	991667	11	5	7	12	5	8	A
C	11	7	4	12	8	4	791667	798590	819775	849158	896561	952537	1046785	1076986	1066903	1066682	1066667	11	4	7	12	4	8	A
C	11	8	4	12	9	4	875000	880039	895493	916992	951648	990126	1031617	1061733	1066649	1066681	1066667	11	4	8	12	4	9	A
C	11	8	3	12	9	3	875000	880039	895493	916992	951658	990484	1039117	1119663	1128400	1124938	1125000	11	3	8	12	3	9	A
C	11	9	3	12	10	3	962500	965928	976457	991138	1014859	1041333	1071812	1105670	1121742	1124930	1125000	11	3	9	12	3	10	A
C	11	9	2	12	10	2	962500	965928	976457	991138	1014859	1041346	1072206	1115814	1161967	1166807	1166667	11	2	9	12	2	10	A
C	11	10	2	12	11	2	1054167	1056155	1062268	1070805	1084626	1100078	1117984	1139972	1157037	1165976	1166667	11	2	10	12	2	11	A
C	11	10	1	12	11	1	1054167	1056155	1062268	1070805	1084626	1100079	1117996	1140470	1164150	1190023	1191667	11	1	10	12	1	11	A
C	11	11	1	12	12	1	1150000	1150657	1152679	1155503	1160078	1165195	1171125	1178481	1184968	1190750	1191667	11	1	11	12	1	12	A
C	11	11	0	12	12	0	1150000	1150657	1152679	1155503	1160078	1165195	1171125	1178492	1185212	1195437	1200000	11	0	11	12	0	12	A
												Δτ = 2												
B	11	1	11	12	2	10	379167	161637	23957	11428	7669	6113	5240	4675	4395	4220	4167	11	11	1	12	10	2	B
B	11	2	10	12	3	9	437500	379961	138184	40624	23312	18413	15730	14018	13179	12657	12500	11	10	2	12	9	3	B
B	11	3	9	12	4	8	500000	473601	356036	144038	49515	36884	31419	27989	26330	25307	25000	11	9	3	12	8	4	B
B	11	4	8	12	5	7	566667	549162	487790	356882	122555	62639	52067	46466	43788	42154	41667	11	8	4	12	7	5	B
B	11	5	7	12	6	6	637500	624847	582642	510635	318024	123690	77705	69093	65398	63161	62500	11	7	5	12	6	6	B
B	11	6	6	12	7	5	712500	703071	672029	622242	513456	305493	129078	95088	90739	88235	87500	11	6	6	12	5	7	B
B	11	7	5	12	8	4	791667	784630	761601	725316	652531	531903	296717	133787	118770	117117	116667	11	5	7	12	4	8	B
B	11	8	4	12	9	3	875000	869885	853200	827123	776086	699624	557149	268273	156528	149030	150000	11	4	8	12	3	9	B
B	11	9	3	12	10	2	962500	959023	947705	930094	895992	846368	763364	567370	295182	186077	187500	11	3	9	12	2	10	B
B	11	10	2	12	11	1	1054167	1052151	1045598	1035429	1015844	987675	941988	846238	655661	319797	229167	11	2	10	12	1	11	B
B	11	11	1	12	12	0	1150000	1149334	1147168	1143811	1137355	1128103	1113213	1082959	1028023	813489	550000	11	1	11	12	0	12	B
												Δτ = 3												
A	11	0	11	12	2	10	0	2214	2419	2312	2700	3067	3413	3744	3957	4115	4167	11	11	0	12	10	2	C
A	11	1	11	12	3	10	0	366	1721	2278	2699	3067	3413	3744	3957	4115	4167	11	11	1	12	10	3	C
A	11	1	10	12	3	9	0	815	10602	8443	8352	9328	10302	11256	11882	12346	12500	11	10	1	12	9	3	C
A	11	2	10	12	4	9	0	273	3308	6647	8307	9327	10302	11256	11882	12346	12500	11	10	2	12	9	4	C
A	11	2	9	12	4	8	0	287	7312	24583	18463	19099	20820	22605	23802	24700	25000	11	9	2	12	8	4	C
A	11	3	9	12	5	8	0	170	2848	9827	16686	19041	20819	22605	23802	24700	25000	11	9	3	12	8	5	C
A	11	3	8	12	5	7	0	170	3116	19855	43803	33985	35338	37944	39785	41193	41667	11	8	3	12	7	5	C
A	11	4	8	12	6	7	0	114	1987	8668	23728	32093	35282	37944	39785	41193	41667	11	8	4	12	7	6	C
A	11	4	7	12	6	6	0	114	1994	9531	51600	68157	55415	57646	59989	61861	62500	11	7	4	12	6	6	C
A	11	5	7	12	7	6	0	81	1404	6326	22576	43362	53689	57617	59989	61861	62500	11	7	5	12	6	7	C
A	11	5	6	12	7	5	0	81	1404	6355	26542	92027	97254	82892	84802	86796	87500	11	6	5	12	5	7	C
A	11	6	6	12	8	5	0	58	1010	4546	17062	41951	70160	81970	84782	86796	87500	11	6	6	12	5	8	C
A	11	6	5	12	8	4	0	58	1010	4547	17230	51092	144515	126370	115460	116237	116667	11	5	6	12	4	8	C
A	11	7	5	12	9	4	0	42	721	3242	12163	31714	68314	106214	114660	116234	116667	11	5	7	12	4	9	C
A	11	7	4	12	9	3	0	42	721	3242	12168	32136	86653	210623	165267	150968	150000	11	4	7	12	3	9	C
A	11	8	4	12	10	3	0	29	495	2222	8318	21725	50288	106746	144098	150733	150000	11	4	8	12	3	10	C
A	11	8	3	12	10	2	0	29	495	2222	8318	21738	51164	151414	275825	199151	187500	11	3	8	12	2	10	C
A	11	9	3	12	11	2	0	18	307	1379	5157	13444	31264	74568	137582	186816	187500	11	3	9	12	2	11	C
A	11	9	2	12	11	1	0	18	307	1379	5157	13444	31286	77023	200050	342630	229167	11	2	9	12	1	11	C
A	11	10	2	12	12	1	0	8	145	651	2434	6341	14728	35612	75267	166299	229167	11	2	10	12	1	12	C
A	11	10	1	12	12	0	0	8	145	651	2434	6341	14729	35651	77764	282261	550000	11	1	10	12	0	12	C
												Δτ = 4												
B	11	0	11	12	3	10	0	6928	16338	11248	7667	6113	5240	4675	4395	4220	4167	11	11	0	12	10	3	B
B	11	1	10	12	4	9	0	835	19471	30612	23170	18410	15730	14018	13179	12657	12500	11	10	1	12	9	4	B
B	11	2	9	12	5	8	0	155	4377	29089	43829	36755	31417	27989	26330	25307	25000	11	9	2	12	8	5	B
B	11	3	8	12	6	7	0	54	1047	7856	46098	58361	51969	46466	43788	42154	41667	11	8	3	12	7	6	B
B	11	4	7	12	7	6	0	23	418	2165	16414	61131	74688	69054	65398	63161	62500	11	7	4	12	6	7	B
B	11	5	6	12	8	5	0	10	189	918	4437	24408	78755	93789	90715	88235	87500	11	6	5	12	5	8	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	11	6	5	12	9	4	0	5	87	420	1800	6444	34320	104902	117793	117115	116667	11	5	6	12	4	9	B
B	11	7	4	12	10	3	0	2	39	185	780	2405	8381	55832	130219	148779	150000	11	4	7	12	3	10	B
B	11	8	3	12	11	2	0	1	15	72	299	902	2608	11743	67164	172661	187500	11	3	8	12	2	11	B
B	11	9	2	12	12	1	0	0	4	19	80	238	670	2254	9656	100031	229167	11	2	9	12	1	12	B
												$\Delta\tau$ = 5												
C	11	0	11	12	3	9	0	6574	5809	925	243	92	33	9	2	0	0	11	11	0	12	9	3	A
C	11	1	11	12	4	9	0	358	1238	713	242	92	33	9	2	0	0	11	11	1	12	9	4	A
C	11	1	10	12	4	8	0	814	15736	8504	1323	450	159	41	9	1	0	11	10	1	12	8	4	A
C	11	2	10	12	5	8	0	144	1651	2461	1184	448	159	41	9	1	0	11	10	2	12	8	5	A
C	11	2	9	12	5	7	0	151	3934	19836	6688	1484	490	124	27	2	0	11	9	2	12	7	5	A
C	11	3	9	12	6	7	0	53	860	2779	3046	1393	489	124	27	2	0	11	9	3	12	7	6	A
C	11	3	8	12	6	6	0	53	943	6273	21055	5478	1283	311	68	4	0	11	8	3	12	6	6	A
C	11	4	8	12	7	6	0	22	375	1570	3785	3089	1239	311	68	4	0	11	8	4	12	6	7	A
C	11	4	7	12	7	5	0	22	376	1735	10521	18247	3855	719	153	9	0	11	7	4	12	5	7	A
C	11	5	7	12	8	5	0	10	170	731	2424	3900	2565	710	153	9	0	11	7	5	12	5	8	A
C	11	5	6	12	8	4	0	10	170	735	2896	11835	13377	1808	338	19	0	11	6	5	12	4	8	A
C	11	6	6	12	9	4	0	5	79	336	1160	2584	3331	1469	335	19	0	11	6	6	12	4	9	A
C	11	6	5	12	9	3	0	5	79	336	1172	3242	11299	6484	821	42	0	11	5	6	12	3	9	A
C	11	7	5	12	10	3	0	2	35	148	507	1188	2213	2136	699	42	0	11	5	7	12	3	10	A
C	11	7	4	12	10	2	0	2	35	148	507	1205	2954	9414	3079	104	0	11	4	7	12	2	10	A
C	11	8	4	12	11	2	0	1	14	57	194	451	898	1471	1037	97	0	11	4	8	12	2	11	A
C	11	8	3	12	11	1	0	1	14	57	194	451	915	2357	5312	440	0	11	3	8	12	1	11	A
C	11	9	3	12	12	1	0	0	4	15	52	119	234	435	562	170	0	11	3	9	12	1	12	A
C	11	9	2	12	12	0	0	0	4	15	52	119	235	452	964	1491	0	11	2	9	12	0	12	A
												$\Delta\tau$ = 6												
B	11	1	11	12	4	8	0	367	1205	301	32	9	3	1	0	0	0	11	11	1	12	8	4	B
B	11	2	10	12	5	7	0	147	1819	2507	411	71	20	5	1	0	0	11	10	2	12	7	5	B
B	11	3	9	12	6	6	0	54	954	3407	3064	497	96	21	4	0	0	11	9	3	12	6	6	B
B	11	4	8	12	7	5	0	23	417	1958	5514	3363	494	79	16	1	0	11	8	4	12	5	7	B
B	11	5	7	12	8	4	0	10	189	914	3704	7113	3199	326	56	3	0	11	7	5	12	4	8	B
B	11	6	6	12	9	3	0	5	87	420	1782	5109	8248	2048	224	11	0	11	6	6	12	3	9	B
B	11	7	5	12	10	2	0	2	39	185	780	2370	6217	8086	1505	46	0	11	5	7	12	2	10	B
B	11	8	4	12	11	1	0	1	15	72	299	901	2557	7146	7380	375	0	11	4	8	12	1	11	B
B	11	9	3	12	12	0	0	0	4	19	80	238	669	2169	5479	3738	0	11	3	9	12	0	12	B
												$\Delta\tau$ = 7												
A	11	0	11	12	4	8	0	4	116	60	11	4	2	1	0	0	0	11	11	0	12	8	4	C
A	11	1	11	12	5	8	0	0	8	17	10	4	2	1	0	0	0	11	11	1	12	8	5	C
A	11	1	10	12	5	7	0	0	110	481	144	36	13	4	1	0	0	11	10	1	12	7	5	C
A	11	2	10	12	6	7	0	0	6	45	64	33	13	4	1	0	0	11	10	2	12	7	6	C
A	11	2	9	12	6	6	0	0	15	426	1048	249	63	16	4	0	0	11	9	2	12	6	6	C
A	11	3	9	12	7	6	0	0	2	32	146	138	60	16	4	0	0	11	9	3	12	6	7	C
A	11	3	8	12	7	5	0	0	2	73	1433	1654	321	63	14	1	0	11	8	3	12	5	7	C
A	11	4	8	12	8	5	0	0	1	11	122	292	212	63	14	1	0	11	8	4	12	5	8	C
A	11	4	7	12	8	4	0	0	1	13	350	2816	2059	261	50	3	0	11	7	4	12	4	8	C
A	11	5	7	12	9	4	0	0	0	3	49	252	446	211	50	3	0	11	7	5	12	4	9	C
A	11	5	6	12	9	3	0	0	0	3	58	809	4498	1634	201	11	0	11	6	5	12	3	9	C
A	11	6	6	12	10	3	0	0	0	1	14	100	395	503	171	11	0	11	6	6	12	3	10	C
A	11	6	5	12	10	2	0	0	0	1	14	125	1473	5926	1353	45	0	11	5	6	12	2	10	C
A	11	7	5	12	11	2	0	0	0	0	3	25	141	506	434	42	0	11	5	7	12	2	11	C
A	11	7	4	12	11	1	0	0	0	0	3	25	190	2748	6224	366	0	11	4	7	12	1	11	C
A	11	8	4	12	12	1	0	0	0	0	1	4	24	144	369	140	0	11	4	8	12	1	12	C
A	11	8	3	12	12	0	0	0	0	0	1	4	24	233	2484	3580	0	11	3	8	12	0	12	C
												$\Delta\tau$ = 8												
B	11	0	11	12	5	8	0	2	75	84	29	9	3	1	0	0	0	11	11	0	12	8	5	B
B	11	1	10	12	6	7	0	0	38	213	183	67	20	5	1	0	0	11	10	1	12	7	6	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	11	2	9	12	7	6	0	0	3	100	407	277	93	21	4	0	0	11	9	2	12	6	7	B
B	11	3	8	12	8	5	0	0	0	11	257	571	326	78	16	1	0	11	8	3	12	5	8	B
B	11	4	7	12	9	4	0	0	0	1	37	395	675	264	56	3	0	11	7	4	12	4	9	B
B	11	5	6	12	10	3	0	0	0	0	4	63	504	625	190	11	0	11	6	5	12	3	10	B
B	11	6	5	12	11	2	0	0	0	0	1	5	79	573	480	43	0	11	5	6	12	2	11	B
B	11	7	4	12	12	1	0	0	0	0	0	0	4	86	381	143	0	11	4	7	12	1	12	B
												$\Delta\tau$ = 9												
C	11	0	11	12	5	7	0	2	67	55	4	0	0	0	0	0	0	11	11	0	12	7	5	A
C	11	1	11	12	6	7	0	0	2	5	2	0	0	0	0	0	0	11	11	1	12	7	6	A
C	11	1	10	12	6	6	0	0	34	168	78	6	0	0	0	0	0	11	10	1	12	6	6	A
C	11	2	10	12	7	6	0	0	1	8	11	3	0	0	0	0	0	11	10	2	12	6	7	A
C	11	2	9	12	7	5	0	0	3	80	252	76	5	0	0	0	0	11	9	2	12	5	7	A
C	11	3	9	12	8	5	0	0	0	4	16	13	3	0	0	0	0	11	9	3	12	5	8	A
C	11	3	8	12	8	4	0	0	0	9	166	263	50	1	0	0	0	11	8	3	12	4	8	A
C	11	4	8	12	9	4	0	0	0	1	8	19	11	1	0	0	0	11	8	4	12	4	9	A
C	11	4	7	12	9	3	0	0	0	1	24	196	207	15	0	0	0	11	7	4	12	3	9	A
C	11	5	7	12	10	3	0	0	0	0	2	10	15	5	0	0	0	11	7	5	12	3	10	A
C	11	5	6	12	10	2	0	0	0	0	2	31	175	96	4	0	0	11	6	5	12	2	10	A
C	11	6	6	12	11	2	0	0	0	0	0	2	7	7	1	0	0	11	6	6	12	2	11	A
C	11	6	5	12	11	1	0	0	0	0	0	3	28	112	34	0	0	11	5	6	12	1	11	A
C	11	7	5	12	12	1	0	0	0	0	0	0	1	3	2	0	0	11	5	7	12	1	12	A
C	11	7	4	12	12	0	0	0	0	0	0	0	1	17	37	2	0	11	4	7	12	0	12	A
												$\Delta\tau$ = 10												
B	11	1	11	12	6	6	0	0	3	6	2	0	0	0	0	0	0	11	11	1	12	6	6	B
B	11	2	10	12	7	5	0	0	1	10	16	4	0	0	0	0	0	11	10	2	12	5	7	B
B	11	3	9	12	8	4	0	0	0	5	25	24	4	0	0	0	0	11	9	3	12	4	8	B
B	11	4	8	12	9	3	0	0	0	1	13	38	27	2	0	0	0	11	8	4	12	3	9	B
B	11	5	7	12	10	2	0	0	0	0	3	19	44	17	1	0	0	11	7	5	12	2	10	B
B	11	6	6	12	11	1	0	0	0	0	1	4	21	37	9	0	C	11	6	6	12	1	11	B
B	11	7	5	12	12	0	0	0	0	0	0	0	3	15	19	1	0	11	5	7	12	0	12	B
												$\Delta\tau$ = 11												
A	11	0	11	12	6	6	0	0	0	1	1	0	0	0	0	0	0	11	11	0	12	6	6	C
A	11	1	10	12	7	5	0	0	0	2	5	2	0	0	0	0	0	11	10	1	12	5	7	C
A	11	2	9	12	8	4	0	0	0	1	9	12	2	0	0	0	0	11	9	2	12	4	8	C
A	11	3	9	12	9	4	0	0	0	0	0	1	1	0	0	0	0	11	9	3	12	4	9	C
A	11	3	8	12	9	3	0	0	0	0	3	18	17	1	0	0	0	11	8	3	12	3	9	C
A	11	4	8	12	10	3	0	0	0	0	0	1	1	0	0	0	0	11	8	4	12	3	10	C
A	11	4	7	12	10	2	0	0	0	0	0	8	28	14	1	0	0	11	7	4	12	2	10	C
A	11	5	7	12	11	2	0	0	0	0	0	0	1	1	0	0	0	11	7	5	12	2	11	C
A	11	5	6	12	11	1	0	0	0	0	0	1	11	29	8	0	0	11	6	5	12	1	11	C
A	11	6	6	12	12	1	0	0	0	0	0	0	0	1	0	0	0	11	6	6	12	1	12	C
A	11	6	5	12	12	0	0	0	0	0	0	0	1	11	17	1	0	11	5	6	12	0	12	C
												$\Delta\tau$ = 12												
B	11	1	10	12	8	5	0	0	0	0	1	1	0	0	0	0	0	11	10	1	12	5	8	B
B	11	2	9	12	9	4	0	0	0	0	1	2	1	0	0	0	0	11	9	2	12	4	9	B
B	11	3	8	12	10	3	0	0	0	0	0	1	2	1	0	0	0	11	8	3	12	3	10	B
B	11	4	7	12	11	2	0	0	0	0	0	0	1	1	0	0	0	11	7	4	12	2	11	B
B	11	5	6	12	12	1	0	0	0	0	0	0	0	1	1	0	0	11	6	5	12	1	12	B
												$\Delta\tau$ = 13												
C	11	1	10	12	8	4	0	0	0	0	1	0	0	0	0	0	0	11	10	1	12	4	8	A
C	11	2	9	12	9	3	0	0	0	0	1	1	0	0	0	0	0	11	9	2	12	3	9	A
C	11	3	8	12	10	2	0	0	0	0	0	1	1	0	0	0	0	11	8	3	12	2	10	A
C	11	4	7	12	11	1	0	0	0	0	0	0	1	0	0	0	0	11	7	4	12	1	11	A

J=12 ΔJ = 0

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
												$\Delta\tau$ = 1												
C	12	6	6	12	7	6	456731	447069	417021	373725	301129	287092	428339	541557	569306	576487	576923	12	6	6	12	6	7	A
A	12	7	6	12	7	5	785256	784956	780028	761487	691365	516101	349667	390265	450584	491738	504808	12	6	7	12	5	7	C
C	12	7	5	12	8	5	400641	393345	370775	338769	284966	225007	226162	342637	388885	399978	400641	12	5	7	12	5	8	A
A	12	8	5	12	8	4	1025641	1025430	1021983	1009131	962630	851202	593264	412676	466520	526188	544872	12	5	8	12	4	8	C
C	12	8	4	12	9	4	336538	331068	314186	290413	251219	205701	156542	173737	235664	255304	256410	12	4	8	12	4	9	A
A	12	9	4	12	9	3	1298077	1297931	1295551	1286708	1255203	1183834	1014310	624243	483576	547425	576923	12	4	9	12	3	9	C
C	12	9	3	12	10	3	264423	260486	248351	231314	203464	171760	133851	96234	111226	141980	144231	12	3	9	12	3	10	A
A	12	10	3	12	10	2	1602564	1602469	1600914	1595150	1574741	1529399	1428427	1144739	715308	560726	600962	12	3	10	12	2	10	C
C	12	10	2	12	11	2	184295	181734	173844	162783	144764	124427	100509	70196	50827	58977	64103	12	2	10	12	2	11	A
A	12	11	2	12	11	1	1939103	1939049	1938174	1934932	1923486	1898254	1843274	1699876	1383414	788277	616987	12	2	11	12	1	11	C
C	12	11	1	12	12	1	96154	94889	90994	85537	76658	66668	55001	40335	27060	16935	16026	12	1	11	12	1	12	A
A	12	12	1	12	12	0	2307692	2307675	2307388	2306325	2302578	2294337	2276496	2231015	2136176	1746318	1250000	12	1	12	12	0	12	C
												$\Delta\tau$ = 2												
B	12	6	7	12	7	6	456731	466482	497979	546382	631528	681817	631528	546382	497979	466482	456731	12	7	6	12	6	7	B
B	12	6	6	12	7	5	456731	466482	497982	546624	648159	908928	860748	627801	560239	517947	504808	12	6	6	12	5	7	B
B	12	7	6	12	8	5	400641	408018	431900	468741	538911	627645	679385	621621	560113	517946	504808	12	6	7	12	5	8	B
B	12	7	5	12	8	4	400641	408018	431900	468747	539639	655978	949347	774366	624223	563470	544872	12	5	7	12	4	8	B
B	12	8	5	12	9	4	336538	342074	360018	387719	440695	515508	617140	670153	620184	563458	544872	12	5	8	12	4	9	B
B	12	8	4	12	9	3	336538	342074	360018	387719	440719	516730	663982	985371	742533	606053	576923	12	4	8	12	3	9	B
B	12	9	4	12	10	3	264423	268408	281336	301304	339474	393730	478791	609294	656675	605125	576923	12	4	9	12	3	10	B
B	12	9	3	12	10	2	264423	268408	281336	301304	339475	393770	480710	712031	989242	672624	600962	12	3	9	12	2	10	B
B	12	10	3	12	11	2	184295	186888	195302	208304	233156	268457	324420	431831	564346	632281	600962	12	3	10	12	2	11	B
B	12	10	2	12	11	1	184295	186888	195302	208304	233156	268457	324472	436309	694912	966085	616987	12	2	10	12	1	11	B
B	12	11	2	12	12	1	96154	97434	101590	108014	120295	137736	165390	219775	308368	494371	616987	12	2	11	12	1	12	B
B	12	11	1	12	12	0	96154	97434	101590	108014	120295	137736	165391	219849	312613	724453	1250000	12	1	11	12	0	12	B
												$\Delta\tau$ = 3												
C	12	6	7	12	7	5	456731	447069	417018	373499	288266	131920	25340	5109	1115	64	0	12	7	6	12	5	7	A
A	12	6	6	12	8	5	0	37	649	2944	11584	44719	204255	384555	450461	491738	504808	12	6	6	12	5	8	C
C	12	7	6	12	8	4	400641	393345	370775	338763	284368	207707	75848	9895	1926	110	0	12	6	7	12	4	8	A
A	12	7	5	12	9	4	0	21	366	1653	6341	17962	71023	318141	462508	526176	544872	12	5	7	12	4	9	C
C	12	8	5	12	9	3	336538	331068	314186	290412	251199	204871	135846	29225	3740	197	0	12	5	8	12	3	9	A
A	12	8	4	12	10	3	0	11	191	860	3273	8878	23709	127352	398678	546486	576923	12	4	8	12	3	10	C
C	12	9	4	12	10	2	264423	260486	248351	231314	203463	171732	132875	68429	11709	398	0	12	4	9	12	2	10	A
A	12	9	3	12	11	2	0	5	85	381	1443	3874	9603	31146	159038	519431	600962	12	3	9	12	2	11	C
C	12	10	3	12	11	1	184295	181734	173844	162783	144764	124426	100481	68830	31440	1405	0	12	3	10	12	1	11	A
A	12	10	2	12	12	1	0	1	25	114	432	1152	2815	7710	24823	240766	616987	12	2	10	12	1	12	C
C	12	11	2	12	12	0	96154	94889	90994	85537	76658	66668	55000	40308	26359	5896	0	12	2	11	12	0	12	A
												$\Delta\tau$ = 5												
C	12	5	7	12	8	5	0	8	136	600	2926	14190	16324	5045	1114	64	0	12	7	5	12	5	8	A
A	12	6	7	12	8	4	0	37	649	2943	11167	23753	14046	1863	366	22	0	12	7	6	12	4	8	C
C	12	6	6	12	9	4	0	3	51	219	813	3045	11822	7963	1911	110	0	12	6	6	12	4	9	A
A	12	7	6	12	9	3	0	21	366	1653	6329	16811	29219	9122	1153	61	0	12	6	7	12	3	9	C
C	12	7	5	12	10	3	0	1	18	76	268	704	2608	7808	3171	196	0	12	5	7	12	3	10	A
A	12	8	5	12	10	2	0	11	191	860	3273	8849	21119	29254	6237	210	0	12	5	8	12	2	10	C
C	12	8	4	12	11	2	0	0	5	22	77	188	447	2051	3431	371	0	12	4	8	12	2	11	A
A	12	9	4	12	11	1	0	5	85	381	1443	3873	9547	23732	25284	1404	0	12	4	9	12	1	11	C
C	12	9	3	12	12	1	0	0	1	4	15	35	74	194	756	525	0	12	3	9	12	1	12	A
A	12	10	3	12	12	0	0	1	25	114	432	1152	2814	7591	17082	11676	0	12	3	10	12	0	12	C
												$\Delta\tau$ = 6												
B	12	5	8	12	8	5	0	8	151	741	2979	4979	2979	741	151	8	0	12	8	5	12	5	8	B
B	12	5	7	12	8	4	0	8	151	751	4507	26748	20985	2331	407	22	0	12	7	5	12	4	8	B
B	12	6	7	12	9	4	0	3	56	274	1207	3401	4667	1889	404	22	0	12	7	6	12	4	9	B
B	12	6	6	12	9	3	0	3	56	274	1251	6090	30360	11327	1281	63	0	12	6	6	12	3	9	B
B	12	7	6	12	10	3	0	1	20	95	412	1321	3344	3516	1090	63	0	12	6	7	12	3	10	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	12	7	5	12	10	2	0	1	20	95	413	1408	7434	30572	6910	215	0	12	5	7	12	2	10	B
B	12	8	5	12	11	2	0	0	6	28	119	375	1144	2879	2223	201	0	12	5	8	12	2	11	B
B	12	8	4	12	11	1	0	0	6	28	119	376	1279	10139	25015	1440	0	12	4	8	12	1	11	B
B	12	9	4	12	12	1	0	0	1	5	22	69	209	749	1567	550	0	12	4	9	12	1	12	B
B	12	9	3	12	12	0	0	0	1	5	22	69	211	972	7452	11642	0	12	3	9	12	0	12	B
												Δτ = 7												
C	12	5	8	12	8	4	0	8	136	593	1928	2286	458	14	1	0	0	12	8	5	12	4	8	A
A	12	5	7	12	9	4	0	0	0	3	59	930	2885	1509	364	22	0	12	7	5	12	4	9	C
C	12	6	7	12	9	3	0	3	51	219	784	1688	1428	106	3	0	0	12	7	6	12	3	9	A
A	12	6	6	12	10	3	0	0	0	1	10	118	1426	2763	980	61	0	12	6	6	12	3	10	C
C	12	7	6	12	10	2	0	1	18	76	268	660	1157	537	24	0	0	12	6	7	12	2	10	A
A	12	7	5	12	11	2	0	0	0	0	2	15	168	1880	1984	196	0	12	5	7	12	2	11	C
C	12	8	5	12	11	1	0	0	5	22	77	188	400	563	159	0	0	12	5	8	12	1	11	A
A	12	8	4	12	12	1	0	0	0	0	0	2	12	202	1236	535	0	12	4	8	12	1	12	C
C	12	9	4	12	12	0	0	0	1	4	15	35	73	150	154	8	0	12	4	9	12	0	12	A
												Δτ = 9												
C	12	4	8	12	9	4	0	0	0	1	32	148	98	11	1	0	0	12	8	4	12	4	9	A
A	12	5	8	12	9	3	0	0	0	3	39	160	159	12	0	0	0	12	8	5	12	3	9	C
C	12	5	7	12	10	3	0	0	0	0	2	36	100	32	2	0	0	12	7	5	12	3	10	A
A	12	6	7	12	10	2	0	0	0	1	10	66	192	99	4	0	0	12	7	6	12	2	10	C
C	12	6	6	12	11	2	0	0	0	0	0	2	27	41	8	0	0	12	6	6	12	2	11	A
A	12	7	6	12	11	1	0	0	0	0	2	14	75	164	49	0	0	12	6	7	12	1	11	C
C	12	7	5	12	12	1	0	0	0	0	0	0	1	12	9	0	0	12	5	7	12	1	12	A
A	12	8	5	12	12	0	0	0	0	0	0	2	11	56	78	4	0	12	5	8	12	0	12	C
												Δτ = 10												
B	12	4	9	12	9	4	0	0	0	1	10	21	10	1	0	0	0	12	9	4	12	4	9	B
B	12	4	8	12	9	3	0	0	0	1	49	295	244	15	0	0	0	12	8	4	12	3	9	B
B	12	5	8	12	10	3	0	0	0	0	3	12	18	5	0	0	0	12	8	5	12	3	10	B
B	12	5	7	12	10	2	0	0	0	0	4	72	282	124	5	0	0	12	7	5	12	2	10	B
B	12	6	7	12	11	2	0	0	0	0	0	3	10	10	2	0	0	12	7	6	12	2	11	B
B	12	6	6	12	11	1	0	0	0	0	0	5	76	202	54	0	0	12	6	6	12	1	11	B
B	12	7	6	12	12	1	0	0	0	0	0	0	2	5	3	0	0	12	6	7	12	1	12	B
B	12	7	5	12	12	0	0	0	0	0	0	0	4	58	86	4	0	12	5	7	12	0	12	B
												Δτ = 11												
C	12	4	9	12	9	3	0	0	0	1	7	10	3	0	0	0	0	12	9	4	12	3	9	A
A	12	4	8	12	10	3	0	0	0	0	0	6	12	4	0	0	0	12	8	4	12	3	10	C
C	12	5	8	12	10	2	0	0	0	0	2	6	6	1	0	0	0	12	8	5	12	2	10	A
A	12	5	7	12	11	2	0	0	0	0	0	1	6	8	1	0	0	12	7	5	12	2	11	C
C	12	6	7	12	11	1	0	0	0	0	0	1	4	2	0	0	0	12	7	6	12	1	11	A
A	12	6	6	12	12	1	0	0	0	0	0	0	1	4	3	0	0	12	6	6	12	1	12	C
C	12	7	6	12	12	0	0	0	0	0	0	0	1	1	0	0	0	12	6	7	12	0	12	A
												Δτ = 14												
B	12	3	9	12	10	2	0	0	0	0	0	1	1	0	0	0	0	12	9	3	12	2	10	B
B	12	4	8	12	11	1	0	0	0	0	0	0	1	0	0	0	0	12	8	4	12	1	11	B
J=12				ΔJ = 1																				
												Δτ = 0												
B	12	6	6	13	7	7	730769	718978	680002	616902	486086	393239	486086	616902	680002	718978	730769	12	6	6	13	7	7	B
B	12	7	5	13	8	6	807692	798668	769059	722092	626516	481469	394659	502846	589781	642094	657692	12	5	7	13	6	8	B
B	12	8	4	13	9	5	888462	881613	859235	824115	754656	648524	477071	403818	493808	567026	588462	12	4	8	13	5	9	B
B	12	9	3	13	10	4	973077	968045	951641	926051	876188	802627	676542	456087	407670	491382	523077	12	3	9	13	4	10	B
B	12	10	2	13	11	3	1061538	1058094	1046884	1029459	995776	946965	866550	693475	473112	419015	461538	12	2	10	13	3	11	B
B	12	11	1	13	12	2	1153846	1151841	1145322	1135209	1115751	1087806	1042636	949648	779018	486548	403846	12	1	11	13	2	12	B
B	12	12	0	13	13	1	1250000	1249336	1247179	1243835	1237409	1228206	1213417	1183481	1130124	937471	700000	12	0	12	13	1	13	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
												Δτ = 1												
C	12	0	12	13	1	12	700000	447563	261943	224703	205724	198088	194528	192902	192440	192315	192308	12	12	0	13	12	1	A
C	12	1	12	13	2	12	403846	345458	260845	224694	205724	198088	194528	192902	192440	192315	192308	12	12	1	13	12	2	A
C	12	1	11	13	2	11	403846	640824	527980	431021	394871	380287	373478	370367	369484	369245	369231	12	11	1	13	11	2	A
C	12	2	11	13	3	11	461538	495346	480788	430216	394868	380287	373478	370367	369484	369245	369231	12	11	2	13	11	3	A
C	12	2	10	13	3	10	461538	525783	747292	634832	567315	546566	536840	532394	531131	530790	530769	12	10	2	13	10	3	A
C	12	3	10	13	4	10	523077	552598	610581	606269	567130	546565	536840	532394	531131	530790	530769	12	10	3	13	10	4	A
C	12	3	9	13	4	9	523077	553430	679086	832606	726292	696826	684591	678976	677380	676949	676923	12	9	3	13	9	4	A
C	12	4	9	13	5	9	588462	609151	668720	721098	718858	696765	684591	678976	677380	676949	676923	12	9	4	13	9	5	A
C	12	4	8	13	5	8	588462	609164	672764	804054	901109	831653	816659	810100	808229	807723	807692	12	8	4	13	8	5	A
C	12	5	8	13	6	8	657692	672912	718850	778634	832431	829227	816644	810100	808229	807723	807692	12	8	5	13	8	6	A
C	12	5	7	13	6	7	657692	672912	719003	785275	952268	971447	932943	925731	923670	923111	923077	12	7	5	13	7	6	A
C	12	6	7	13	7	7	730769	742330	777512	825885	896490	933905	932300	925729	923670	923111	923077	12	7	6	13	7	7	A
C	12	6	6	13	7	6	730769	742330	777516	826218	913465	1053646	1042517	1025740	1023686	1023112	1023077	12	6	6	13	6	7	A
C	12	7	6	13	8	6	807692	816563	843666	881195	941070	998615	1026440	1025674	1023685	1023112	1023077	12	6	7	13	6	8	A
C	12	7	5	13	8	5	807692	816563	843666	881207	942109	1024369	1131708	1111250	1108207	1107724	1107692	12	5	7	13	5	8	A
C	12	8	5	13	9	5	888462	895204	915858	944547	990745	1041496	1089160	1108331	1108197	1107724	1107692	12	5	8	13	5	9	A
C	12	8	4	13	9	4	888462	895204	915858	944547	990793	1043247	1122868	1190172	1177261	1176934	1176923	12	4	8	13	4	9	A
C	12	9	4	13	10	4	973077	978037	993256	1014447	1048643	1086779	1129820	1167905	1176579	1176934	1176923	12	4	9	13	4	10	A
C	12	9	3	13	10	3	973077	978037	993256	1014447	1048645	1086867	1132420	1210924	1235526	1230681	1230769	12	3	9	13	3	10	A
C	12	10	3	13	11	3	1061538	1064935	1075373	1089933	1113475	1139774	1170205	1205939	1225978	1230664	1230769	12	3	10	13	3	11	A
C	12	10	2	13	11	2	1061538	1064935	1075373	1089933	1113475	1139776	1170332	1210727	1259360	1269555	1269231	12	2	10	13	2	11	A
C	12	11	2	13	12	2	1153846	1155825	1161909	1170408	1184174	1199574	1217432	1239527	1257655	1268346	1269231	12	2	11	13	2	12	A
C	12	11	1	13	12	1	1153846	1155825	1161909	1170408	1184174	1199574	1217436	1239742	1261856	1290127	1292308	12	1	11	13	1	12	A
C	12	12	1	13	13	1	1250000	1250655	1252669	1255485	1260047	1265151	1271069	1278420	1284966	1291198	1292308	12	1	12	13	1	13	A
C	12	12	0	13	13	0	1250000	1250655	1252669	1255485	1260047	1265151	1271070	1278425	1285097	1294836	1300000	12	0	12	13	0	13	A
												Δτ = 2												
B	12	1	12	13	2	11	403846	147098	20379	10488	7071	5641	4837	4315	4057	3895	3846	12	12	1	13	11	2	B
B	12	2	11	13	3	10	461538	387607	111597	34554	21468	16990	14521	12942	12167	11684	11538	12	11	2	13	10	3	B
B	12	3	10	13	4	9	523077	490528	334660	109255	43916	34058	29026	25853	24314	23363	23077	12	10	3	13	9	4	B
B	12	4	9	13	5	8	588462	567013	489473	311246	91072	56809	48208	42970	40458	38921	38462	12	9	4	13	8	5	B
B	12	5	8	13	6	7	657692	642093	589617	495385	241213	93744	71639	64082	60504	58335	57692	12	8	5	13	7	6	B
B	12	6	7	13	7	6	730769	718978	679998	616525	465593	210183	102467	88625	84215	81551	80769	12	7	6	13	6	7	B
B	12	7	6	13	8	5	807692	798668	769059	722079	625220	446790	190320	116080	110982	108438	107692	12	6	7	13	5	8	B
B	12	8	5	13	9	4	888462	881613	859235	824114	754596	646058	423241	170855	139591	138637	138462	12	5	8	13	4	9	B
B	12	9	4	13	10	3	973077	968045	951641	926051	876186	802503	672217	363503	186435	171130	173077	12	4	9	13	3	10	B
B	12	10	3	13	11	2	1061538	1058094	1046884	1029459	995776	946961	866334	683105	371912	210335	211538	12	3	10	13	2	11	B
B	12	11	2	13	12	1	1153846	1151841	1145322	1135209	1115751	1087806	1042630	949168	766105	371287	253846	12	2	11	13	1	12	B
B	12	12	1	13	13	0	1250000	1249336	1247179	1243835	1237409	1228206	1213417	1183471	1129710	914844	600000	12	1	12	13	0	13	B
												Δτ = 3												
A	12	0	12	13	2	11	0	2324	2065	2118	2487	2828	3149	3455	3653	3798	3846	12	12	0	13	11	2	C
A	12	1	12	13	3	11	0	420	1669	2105	2487	2828	3149	3455	3653	3798	3846	12	12	1	13	11	3	C
A	12	1	11	13	3	10	0	1069	9820	7171	7656	8586	9497	10385	10966	11396	11538	12	11	1	13	10	3	C
A	12	2	11	13	4	10	0	337	3635	6374	7644	8585	9497	10385	10966	11396	11538	12	11	2	13	10	4	C
A	12	2	10	13	4	9	0	361	9797	21423	16181	17502	19158	20839	21960	22798	23077	12	10	2	13	9	4	C
A	12	3	10	13	5	9	0	212	3466	10621	15650	17490	19158	20839	21960	22798	23077	12	10	3	13	9	5	C
A	12	3	9	13	5	8	0	212	4051	26729	34735	30231	32386	34927	36681	38015	38462	12	9	3	13	8	5	C
A	12	4	9	13	6	8	0	143	2489	10528	24525	29819	32377	34927	36681	38015	38462	12	9	4	13	8	6	C
A	12	4	8	13	6	7	0	143	2508	12801	62051	52912	49819	52886	55234	57070	57692	12	8	4	13	7	6	C
A	12	5	8	13	7	7	0	102	1780	8022	26924	43787	49542	52884	55234	57070	57692	12	8	5	13	7	7	C
A	12	5	7	13	7	6	0	102	1781	8119	38380	98991	76144	75276	77848	80018	80769	12	7	5	13	6	7	C
A	12	6	7	13	8	6	0	75	1306	5889	22003	49669	69379	75175	77847	80018	80769	12	7	6	13	6	8	C
A	12	6	6	13	8	5	0	75	1306	5892	22742	78052	136668	104463	105072	106985	107692	12	6	6	13	5	8	C
A	12	7	6	13	9	5	0	56	964	4337	16317	42063	80506	101665	105016	106985	107692	12	6	7	13	5	9	C
A	12	7	5	13	9	4	0	56	964	4337	16344	44533	137948	165363	138906	138298	138462	12	5	7	13	4	9	C

	J	K₋₁	K₊₁	J	K₋₁	K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K₋₁	K₊₁	J	K₋₁	K₊₁	
A	12	8	5	13	10	4	0	40	700	3147	11801	30899	69907	122638	137025	138292	138462	12	5	8	13	4	10	C
A	12	8	4	13	10	3	0	40	700	3147	11802	30992	76852	230956	202930	175039	173077	12	4	8	13	3	10	C
A	12	9	4	13	11	3	0	28	486	2184	8171	21337	49677	111960	163872	174601	173077	12	4	9	13	3	11	C
A	12	9	3	13	11	2	0	28	486	2184	8171	21340	49931	137045	308513	229570	211538	12	3	9	13	2	11	C
A	12	10	3	13	12	2	0	18	304	1367	5109	13318	30979	74616	144769	210227	211538	12	3	10	13	2	12	C
A	12	10	2	13	12	1	0	18	304	1367	5109	13318	30985	75581	187865	389174	253846	12	2	10	13	1	12	C
A	12	11	2	13	13	1	0	8	145	649	2426	6318	14677	35521	75752	176649	253846	12	2	11	13	1	13	C
A	12	11	1	13	13	0	0	8	145	649	2426	6318	14677	35536	77009	278859	600000	12	1	11	13	0	13	C
												$\Delta\tau$ = 4												
B	12	0	12	13	3	11	0	9197	16111	10422	7071	5641	4837	4315	4057	3895	3846	12	12	0	13	11	3	B
B	12	1	11	13	4	10	0	1302	25267	30176	21429	16990	14521	12942	12167	11684	11538	12	11	1	13	10	4	B
B	12	2	10	13	5	9	0	232	7347	38393	42216	34031	29026	25853	24314	23363	23077	12	10	2	13	9	5	B
B	12	3	9	13	6	8	0	82	1651	14190	56478	55868	48193	42970	40458	38921	38462	12	9	3	13	8	6	B
B	12	4	8	13	7	7	0	35	647	3621	31335	72677	71151	64078	60504	58335	57692	12	8	4	13	7	7	B
B	12	5	7	13	8	6	0	17	303	1486	8450	48831	90593	88484	84214	81551	80769	12	7	5	13	6	8	B
B	12	6	6	13	9	5	0	8	148	715	3151	14142	70897	112123	110915	108437	107692	12	6	6	13	5	9	B
B	12	7	5	13	10	4	0	4	72	346	1471	4748	22258	107025	137276	138631	138462	12	5	7	13	4	10	B
B	12	8	4	13	11	3	0	2	33	159	667	2039	6360	41845	136912	170660	173077	12	4	8	13	3	11	B
B	12	9	3	13	12	2	0	1	13	63	264	794	2274	9028	55234	189154	211538	12	3	9	13	2	12	B
B	12	10	2	13	13	1	0	0	4	17	72	214	603	2002	7820	94070	253846	12	2	10	13	1	13	B
												$\Delta\tau$ = 5												
C	12	0	12	13	3	10	0	8594	4374	697	200	76	28	7	2	0	0	12	12	0	13	10	3	A
C	12	1	12	13	4	10	0	485	1277	614	200	76	28	7	2	0	0	12	12	1	13	10	4	A
C	12	1	11	13	4	9	0	1270	18750	5835	1017	365	130	33	7	0	0	12	11	1	13	9	4	A
C	12	2	11	13	5	9	0	211	2129	2455	980	364	130	33	7	0	0	12	11	2	13	9	5	A
C	12	2	10	13	5	8	0	226	6578	22167	4223	1137	390	99	22	1	0	12	10	2	13	8	5	A
C	12	3	10	13	6	8	0	80	1266	3532	2803	1120	390	99	22	1	0	12	10	3	13	8	6	A
C	12	3	9	13	6	7	0	80	1487	11192	17881	3363	973	242	53	3	0	12	9	3	13	7	6	A
C	12	4	9	13	7	7	0	34	578	2356	4498	2697	967	242	53	3	0	12	9	4	13	7	7	A
C	12	4	8	13	7	6	0	34	583	2905	18921	12683	2357	534	115	7	0	12	8	4	13	6	7	A
C	12	5	8	13	8	6	0	16	273	1175	3664	4443	2117	533	115	7	0	12	8	5	13	6	8	A
C	12	5	7	13	8	5	0	16	273	1190	5520	20632	7631	1148	240	14	0	12	7	5	13	5	8	A
C	12	6	7	13	9	5	0	8	133	572	1982	4011	3610	1114	240	14	0	12	7	6	13	5	9	A
C	12	6	6	13	9	4	0	8	133	572	2054	7100	17718	3012	500	28	0	12	6	6	13	4	9	A
C	12	7	6	13	10	4	0	4	65	277	956	2239	3586	2057	492	28	0	12	6	7	13	4	10	A
C	12	7	5	13	10	3	0	4	65	277	957	2386	7748	9844	1232	59	0	12	5	7	13	3	10	A
C	12	8	5	13	11	3	0	2	30	127	434	1018	2007	2450	949	59	0	12	5	8	13	3	11	A
C	12	8	4	13	11	2	0	2	30	127	434	1021	2241	7855	4501	143	0	12	4	8	13	2	11	A
C	12	9	4	13	12	2	0	1	12	51	171	397	793	1407	1201	130	0	12	4	9	13	2	12	A
C	12	9	3	13	12	1	0	1	12	51	171	397	797	1818	4871	610	0	12	3	9	13	1	12	A
C	12	10	3	13	13	1	0	0	3	14	47	107	211	395	550	205	0	12	3	10	13	1	13	A
C	12	10	2	13	13	0	0	0	3	14	47	107	211	401	784	1584	0	12	2	10	13	0	13	A
												$\Delta\tau$ = 6												
B	12	1	12	13	4	9	0	497	1137	181	22	7	2	0	0	0	0	12	12	1	13	9	4	B
B	12	2	11	13	5	8	0	216	2324	2105	225	48	14	3	1	0	0	12	11	2	13	8	5	B
B	12	3	10	13	6	7	0	82	1404	4229	1959	260	63	14	3	0	0	12	10	3	13	7	6	B
B	12	4	9	13	7	6	0	35	642	2931	6031	1737	252	50	10	1	0	12	9	4	13	6	7	B
B	12	5	8	13	8	5	0	17	303	1467	5543	6834	1340	167	32	2	0	12	8	5	13	5	8	B
B	12	6	7	13	9	4	0	8	148	715	3040	7750	6539	698	105	6	0	12	7	6	13	4	9	B
B	12	7	6	13	10	3	0	4	72	346	1469	4450	9604	4169	417	19	0	12	6	7	13	3	10	B
B	12	8	5	13	11	2	0	2	33	159	667	2032	5679	10489	2782	77	0	12	5	8	13	2	11	B
B	12	9	4	13	12	1	0	1	13	63	264	794	2261	6917	9612	628	0	12	4	9	13	1	12	B
B	12	10	3	13	13	0	0	0	4	17	72	214	603	1971	5410	5070	0	12	3	10	13	0	13	B
												$\Delta\tau$ = 7												
A	12	0	12	13	4	9	0	7	112	36	8	3	1	0	0	0	0	12	12	0	13	9	4	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	12	1	12	13	5	9	0	0	9	15	7	3	1	0	0	0	0	12	12	1	13	9	5	C
A	12	1	11	13	5	8	0	1	167	414	79	24	9	3	1	0	0	12	11	1	13	8	5	C
A	12	2	11	13	6	8	0	0	10	52	52	24	9	3	1	0	0	12	11	2	13	8	6	C
A	12	2	10	13	6	7	0	0	30	650	681	130	41	11	3	0	0	12	10	2	13	7	6	C
A	12	3	10	13	7	7	0	0	4	51	155	104	41	11	3	0	0	12	10	3	13	7	7	C
A	12	3	9	13	7	6	0	0	4	165	1863	866	164	40	9	1	0	12	9	3	13	6	7	C
A	12	4	9	13	8	6	0	0	1	22	185	286	147	40	9	1	0	12	9	4	13	6	8	C
A	12	4	8	13	8	5	0	0	1	27	857	3174	870	134	29	2	0	12	8	4	13	5	8	C
A	12	5	8	13	9	5	0	0	0	7	98	379	400	130	29	2	0	12	8	5	13	5	9	C
A	12	5	7	13	9	4	0	0	0	7	149	2139	4090	559	95	5	0	12	7	5	13	4	9	C
A	12	6	7	13	10	4	0	0	0	2	34	222	593	378	93	5	0	12	7	6	13	4	10	C
A	12	6	6	13	10	3	0	0	0	2	35	399	4145	3302	376	18	0	12	6	6	13	3	10	C
A	12	7	6	13	11	3	0	0	0	1	10	76	375	708	288	18	0	12	6	7	13	3	11	C
A	12	7	5	13	11	2	0	0	0	1	10	81	837	6938	2494	75	0	12	5	7	13	2	11	C
A	12	8	5	13	12	2	0	0	0	0	3	19	114	528	606	68	0	12	5	8	13	2	12	C
A	12	8	4	13	12	1	0	0	0	0	3	19	128	1878	7659	612	0	12	4	8	13	1	12	C
A	12	9	4	13	13	1	0	0	0	0	0	3	19	124	398	201	0	12	4	9	13	1	13	C
A	12	9	3	13	13	0	0	0	0	0	0	3	19	161	1905	4801	0	12	3	9	13	0	13	C
												$\Delta\tau$ = 8												
B	12	0	12	13	5	9	0	4	92	75	21	7	2	0	0	0	0	12	12	0	13	9	5	B
B	12	1	11	13	6	8	0	0	70	257	148	47	14	3	1	0	0	12	11	1	13	8	6	B
B	12	2	10	13	7	7	0	0	8	193	438	208	63	14	3	0	0	12	10	2	13	7	7	B
B	12	3	9	13	8	6	0	0	1	31	462	569	226	50	10	1	0	12	9	3	13	6	8	B
B	12	4	8	13	9	5	0	0	0	3	123	697	613	162	32	2	0	12	8	4	13	5	9	B
B	12	5	7	13	10	4	0	0	0	1	14	244	869	472	104	6	0	12	7	5	13	4	10	B
B	12	6	6	13	11	3	0	0	0	0	2	27	379	870	320	19	0	12	6	6	13	3	11	B
B	12	7	5	13	12	2	0	0	0	0	0	3	40	539	668	70	0	12	5	7	13	2	12	B
B	12	8	4	13	13	1	0	0	0	0	0	0	3	52	387	206	0	12	4	8	13	1	13	B
												$\Delta\tau$ = 9												
C	12	0	12	13	5	8	0	4	82	41	2	0	0	0	0	0	0	12	12	0	13	8	5	A
C	12	1	12	13	6	8	0	0	3	5	1	0	0	0	0	0	0	12	12	1	13	8	6	A
C	12	1	11	13	6	7	0	0	63	198	44	3	0	0	0	0	0	12	11	1	13	7	6	A
C	12	2	11	13	7	7	0	0	2	12	10	2	0	0	0	0	0	12	11	2	13	7	7	A
C	12	2	10	13	7	6	0	0	7	154	250	34	2	0	0	0	0	12	10	2	13	6	7	A
C	12	3	10	13	8	6	0	0	1	8	22	11	2	0	0	0	0	12	10	3	13	6	8	A
C	12	3	9	13	8	5	0	0	1	25	298	221	18	1	0	0	0	12	9	3	13	5	8	A
C	12	4	9	13	9	5	0	0	0	2	17	25	8	1	0	0	0	12	9	4	13	5	9	A
C	12	4	8	13	9	4	0	0	0	3	80	340	138	4	0	0	0	12	8	4	13	4	9	A
C	12	5	8	13	10	4	0	0	0	0	6	21	19	3	0	0	0	12	8	5	13	4	10	A
C	12	5	7	13	10	3	0	0	0	0	9	122	289	39	1	0	0	12	7	5	13	3	10	A
C	12	6	7	13	11	3	0	0	0	0	1	8	18	8	1	0	0	12	7	6	13	3	11	A
C	12	6	6	13	11	2	0	0	0	0	1	14	132	151	9	0	0	12	6	6	13	2	11	A
C	12	7	6	13	12	2	0	0	0	0	0	1	6	10	2	0	0	12	6	7	13	2	12	A
C	12	7	5	13	12	1	0	0	0	0	0	2	14	107	54	0	0	12	5	7	13	1	12	A
C	12	8	5	13	13	1	0	0	0	0	0	0	1	3	2	0	0	12	5	8	13	1	13	A
C	12	8	4	13	13	0	0	0	0	0	0	0	1	10	38	3	0	12	4	8	13	0	13	A
												$\Delta\tau$ = 10												
B	12	1	12	13	6	7	0	0	4	6	1	0	0	0	0	0	0	12	12	1	13	7	6	B
B	12	2	11	13	7	6	0	0	3	15	13	1	0	0	0	0	0	12	11	2	13	6	7	B
B	12	3	10	13	8	5	0	0	1	9	33	17	1	0	0	0	0	12	10	3	13	5	8	B
B	12	4	9	13	9	4	0	0	0	3	26	48	15	0	0	0	0	12	9	4	13	4	9	B
B	12	5	8	13	10	3	0	0	0	1	9	42	52	6	0	0	0	12	8	5	13	3	10	B
B	12	6	7	13	11	2	0	0	0	0	2	15	51	35	2	0	0	12	7	6	13	2	11	B
B	12	7	6	13	12	1	0	0	0	0	0	3	18	48	18	0	0	12	6	7	13	1	12	B
B	12	8	5	13	13	0	0	0	0	0	0	0	2	15	25	2	0	12	5	8	13	0	13	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
												Δτ = 11												
A	12	0	12	13	6	7	0	0	0	1	0	0	0	0	0	0	0	12	12	0	13	7	6	C
A	12	1	11	13	7	6	0	0	0	3	5	1	0	0	0	0	0	12	11	1	13	6	7	C
A	12	2	10	13	8	5	0	0	0	1	12	9	1	0	0	0	0	12	10	2	13	5	8	C
A	12	3	10	13	9	5	0	0	0	0	1	1	0	0	0	0	0	12	10	3	13	5	9	C
A	12	3	9	13	9	4	0	0	0	0	8	24	10	0	0	0	0	12	9	3	13	4	9	C
A	12	4	9	13	10	4	0	0	0	0	0	1	1	0	0	0	0	12	9	4	13	4	10	C
A	12	4	8	13	10	3	0	0	0	0	1	19	34	5	0	0	0	12	8	4	13	3	10	C
A	12	5	8	13	11	3	0	0	0	0	0	1	2	1	0	0	0	12	8	5	13	3	11	C
A	12	5	7	13	11	2	0	0	0	0	0	4	32	28	2	0	0	12	7	5	13	2	11	C
A	12	6	7	13	12	2	0	0	0	0	0	0	1	2	0	0	0	12	7	6	13	2	12	C
A	12	6	6	13	12	1	0	0	0	0	0	0	8	37	17	0	0	12	6	6	13	1	12	C
A	12	7	6	13	13	1	0	0	0	0	0	0	0	1	1	0	0	12	6	7	13	1	13	C
A	12	7	5	13	13	0	0	0	0	0	0	0	0	10	22	2	0	12	5	7	13	0	13	C
												Δτ = 12												
B	12	1	11	13	8	6	0	0	0	1	1	0	0	0	0	0	0	12	11	1	13	6	8	B
B	12	2	10	13	9	5	0	0	0	0	2	2	1	0	0	0	0	12	10	2	13	5	9	B
B	12	3	9	13	10	4	0	0	0	0	1	3	2	0	0	0	0	12	9	3	13	4	10	B
B	12	4	8	13	11	3	0	0	0	0	0	1	3	1	0	0	0	12	8	4	13	3	11	B
B	12	5	7	13	12	2	0	0	0	0	0	0	2	2	0	0	0	12	7	5	13	2	12	B
B	12	6	6	13	13	1	0	0	0	0	0	0	0	1	1	0	0	12	6	6	13	1	13	B
												Δτ = 13												
C	12	1	11	13	8	5	0	0	0	0	1	0	0	0	0	0	0	12	11	1	13	5	8	A
C	12	2	10	13	9	4	0	0	0	0	1	1	0	0	0	0	0	12	10	2	13	4	9	A
C	12	3	9	13	10	3	0	0	0	0	0	1	1	0	0	0	0	12	9	3	13	3	10	A
C	12	4	8	13	11	2	0	0	0	0	0	1	1	0	0	0	0	12	8	4	13	2	11	A
C	12	5	7	13	12	1	0	0	0	0	0	0	1	0	0	0	0	12	7	5	13	1	12	A
J=13				ΔJ = 0																				
												Δτ = 1												
A	13	7	7	13	7	6	726923	726533	720141	695886	600100	395496	331179	415064	469748	507227	519231	13	7	7	13	6	7	C
C	13	7	6	13	8	6	467308	458112	429606	388917	319317	259216	345154	487881	524296	533508	534066	13	6	7	13	6	8	A
A	13	8	6	13	8	5	949451	949171	944599	927490	864508	704832	439375	421930	496323	547579	563736	13	6	8	13	5	8	C
C	13	8	5	13	9	5	407967	400871	378947	347973	296394	235553	197504	295248	355802	370038	370879	13	5	8	13	5	9	A
A	13	9	5	13	9	4	1201648	1201447	1198162	1185938	1142048	1039960	785212	472113	503760	577688	600824	13	5	9	13	4	9	C
C	13	9	4	13	10	4	341209	335818	319191	295809	257408	213139	160349	148477	210605	235963	237363	13	4	9	13	4	10	A
A	13	10	4	13	10	3	1483516	1483375	1481065	1472492	1442024	1373584	1215461	787026	535724	593845	630495	13	4	10	13	3	10	C
C	13	10	3	13	11	3	267033	263124	251075	234170	206571	175251	137934	94229	97286	130657	133516	13	3	10	13	3	11	A
A	13	11	3	13	11	2	1795055	1794961	1793435	1787775	1767757	1723401	1625404	1355319	857470	607529	652747	13	3	11	13	2	11	C
C	13	11	2	13	12	2	185440	182886	175019	163991	146035	125787	102020	71803	48880	53442	59341	13	2	11	13	2	12	A
A	13	12	2	13	12	1	2136264	2136211	2135345	2132136	2120814	2095877	2041662	1901411	1593429	890032	667582	13	2	12	13	1	12	C
C	13	12	1	13	13	1	96429	95165	91273	85820	76951	66973	55325	40697	27362	15982	14835	13	1	12	13	1	13	A
A	13	13	1	13	13	0	2507143	2507125	2506841	2505786	2502068	2493896	2476218	2431259	2338183	1944818	1350000	13	1	13	13	0	13	C
												Δτ = 2												
B	13	6	7	13	7	6	519231	531332	570392	630967	779768	1059694	779768	630967	570392	531332	519231	13	7	6	13	6	7	B
B	13	7	7	13	8	6	467308	476600	506663	553050	640618	730981	724125	630212	570384	531332	519231	13	7	7	13	6	8	B
B	13	7	6	13	8	5	467308	476600	506663	553076	643589	837744	1034687	720431	632118	579946	563736	13	6	7	13	5	8	B
B	13	8	6	13	9	5	407967	415145	438403	474308	543071	638047	732255	703566	631802	579946	563736	13	6	8	13	5	9	B
B	13	8	5	13	9	4	407967	415145	438403	474309	543196	644917	912104	925409	700328	623767	600824	13	5	8	13	4	9	B
B	13	9	5	13	10	4	341209	346665	364357	391681	443958	518363	629842	729926	691543	623741	600824	13	5	9	13	4	10	B
B	13	9	4	13	10	3	341209	346665	364357	391681	443962	518646	645552	1028678	860706	666701	630495	13	4	9	13	3	10	B
B	13	10	4	13	11	3	267033	270991	283831	303670	341600	395545	480993	628502	713434	665070	630495	13	4	10	13	3	11	B
B	13	10	3	13	11	2	267033	270991	283831	303670	341600	395554	481567	681536	1063146	747767	652747	13	3	10	13	2	11	B
B	13	11	3	13	12	2	185440	188025	196417	209386	234179	269404	325299	434276	583883	686971	652747	13	3	11	13	2	12	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	13	11	2	13	12	1	185440	188025	196417	209386	234179	269404	325314	436031	670285	1069559	667582	13	2	11	13	1	12	B
B	13	12	2	13	13	1	96429	97708	101861	108281	120555	137989	165641	220107	310176	516596	667582	13	2	12	13	1	13	B
B	13	12	1	13	13	0	96429	97708	101861	108281	120555	137989	165641	220135	312287	718038	1350000	13	1	12	13	0	13	B
												Δτ = 3												
A	13	6	7	13	8	6	0	54	930	4235	17517	86852	289331	414355	469741	507227	519231	13	7	6	13	6	8	C
C	13	7	7	13	8	5	467308	458112	429606	388893	316909	194832	43412	7110	1531	88	0	13	7	7	13	5	8	A
A	13	7	6	13	9	5	0	32	559	2532	9791	30841	155171	406560	496010	547579	563736	13	6	7	13	5	9	C
C	13	8	6	13	9	4	407967	400871	378947	347973	296290	231121	114224	14739	2576	146	0	13	6	8	13	4	9	A
A	13	8	5	13	10	4	0	19	322	1456	5567	15322	49829	287364	495028	577662	600824	13	5	8	13	4	10	C
C	13	9	5	13	10	3	341209	335818	319191	295809	257405	212943	153128	44285	5177	256	0	13	5	9	13	3	10	A
A	13	9	4	13	11	3	0	10	171	770	2928	7916	20203	94430	387720	592185	630495	13	4	9	13	3	11	C
C	13	10	4	13	11	2	267033	263124	251075	234170	206571	175245	137631	80070	16765	517	0	13	4	10	13	2	11	A
A	13	10	3	13	12	2	0	4	77	345	1308	3508	8665	25904	127741	545006	652747	13	3	10	13	2	12	C
C	13	11	3	13	12	1	185440	182886	175019	163991	146035	125787	102012	71240	36471	1882	0	13	3	11	13	1	12	A
A	13	11	2	13	13	1	0	1	23	105	396	1055	2574	7013	20936	220528	667582	13	2	11	13	1	13	C
C	13	12	2	13	13	0	96429	95165	91273	85820	76951	66973	55325	40686	26997	6887	0	13	2	12	13	0	13	A
												Δτ = 5												
A	13	6	8	13	8	5	0	54	930	4229	15651	24098	6584	1066	236	14	0	13	8	6	13	5	8	C
C	13	6	7	13	9	5	0	6	95	416	1656	8152	18407	6888	1530	88	0	13	7	6	13	5	9	A
A	13	7	7	13	9	4	0	32	559	2532	9729	24400	25009	3490	605	35	0	13	7	7	13	4	9	C
C	13	7	6	13	10	4	0	2	38	163	587	1765	8326	9793	2536	146	0	13	6	7	13	4	10	A
A	13	8	6	13	10	3	0	19	322	1456	5565	15084	31995	16722	1946	96	0	13	6	8	13	3	10	C
C	13	8	5	13	11	3	0	1	14	59	207	523	1579	7082	3946	256	0	13	5	8	13	3	11	A
A	13	9	5	13	11	2	0	10	171	770	2928	7910	19458	35643	10676	325	0	13	5	9	13	2	11	C
C	13	9	4	13	12	2	0	0	4	18	62	150	337	1359	3455	469	0	13	4	9	13	2	12	A
A	13	10	4	13	12	1	0	4	77	345	1308	3507	8650	22726	31339	2224	0	13	4	10	13	1	12	C
C	13	10	3	13	13	1	0	0	1	3	12	28	60	145	558	598	0	13	3	10	13	1	13	A
A	13	11	3	13	13	0	0	1	23	105	396	1055	2574	6970	16630	15256	0	13	3	11	13	0	13	C
												Δτ = 6												
B	13	5	8	13	8	5	0	14	262	1333	10114	38671	10114	1333	262	14	0	13	8	5	13	5	8	B
B	13	6	8	13	9	5	0	6	106	519	2289	5417	4670	1293	262	14	0	13	8	6	13	5	9	B
B	13	6	7	13	9	4	0	6	106	520	2551	16136	34745	4367	672	36	0	13	7	6	13	4	9	B
B	13	7	7	13	10	4	0	2	42	203	898	2830	5423	2961	662	36	0	13	7	7	13	4	10	B
B	13	7	6	13	10	3	0	2	42	203	903	3536	23018	20426	2164	99	0	13	6	7	13	3	10	B
B	13	8	6	13	11	3	0	1	15	74	319	1030	2986	4459	1661	99	0	13	6	8	13	3	11	B
B	13	8	5	13	11	2	0	1	15	74	319	1045	4515	31413	11768	334	0	13	5	8	13	2	11	B
B	13	9	5	13	12	2	0	0	5	22	95	300	930	2827	2876	303	0	13	5	9	13	2	12	B
B	13	9	4	13	12	1	0	0	5	22	95	300	964	6775	28413	2280	0	13	4	9	13	1	12	B
B	13	10	4	13	13	1	0	0	1	4	18	57	172	640	1607	749	0	13	4	10	13	1	13	B
B	13	10	3	13	13	0	0	0	1	4	18	57	172	726	5545	14975	0	13	3	10	13	0	13	B
												Δτ = 7												
A	13	5	8	13	9	5	0	0	0	7	178	2098	2996	1033	235	14	0	13	8	5	13	5	9	C
C	13	6	8	13	9	4	0	6	95	415	1485	2633	1045	32	1	0	0	13	8	6	13	4	9	A
A	13	6	7	13	10	4	0	0	0	2	29	457	3087	2360	596	35	0	13	7	6	13	4	10	C
C	13	7	7	13	10	3	0	2	38	163	583	1411	1795	242	6	0	0	13	7	7	13	3	10	A
A	13	7	6	13	11	3	0	0	0	0	6	60	884	3424	1494	96	0	13	6	7	13	3	11	C
C	13	8	6	13	11	2	0	1	14	59	207	515	1040	772	49	0	0	13	6	8	13	2	11	A
A	13	8	5	13	12	2	0	0	0	0	1	10	90	1554	2545	295	0	13	5	8	13	2	12	C
C	13	9	5	13	12	1	0	0	4	18	62	150	325	559	232	1	0	13	5	9	13	1	12	A
A	13	9	4	13	13	1	0	0	0	0	0	1	8	121	1160	729	0	13	4	9	13	1	13	C
C	13	10	4	13	13	0	0	0	1	3	12	28	60	128	159	12	0	13	4	10	13	0	13	A
												Δτ = 9												
A	13	5	9	13	9	4	0	0	0	6	82	226	97	3	0	0	0	13	9	5	13	4	9	C
C	13	5	8	13	10	4	0	0	0	0	11	117	144	22	1	0	0	13	8	5	13	4	10	A
A	13	6	8	13	10	3	0	0	0	2	26	150	256	36	1	0	0	13	8	6	13	3	10	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	13	6	7	13	11	3	0	0	0	0	1	15	94	51	4	0	0	13	7	6	13	3	11	A
A	13	7	7	13	11	2	0	0	0	0	6	48	199	177	11	0	0	13	7	7	13	2	11	C
C	13	7	6	13	12	2	0	0	0	0	0	1	15	46	12	0	0	13	6	7	13	2	12	A
A	13	8	6	13	12	1	0	0	0	0	1	10	60	192	86	0	0	13	6	8	13	1	12	C
C	13	8	5	13	13	1	0	0	0	0	0	0	1	9	10	0	0	13	5	8	13	1	13	A
A	13	9	5	13	13	0	0	0	0	0	0	1	8	50	95	7	0	13	5	9	13	0	13	C
												Δτ = 10												
B	13	4	9	13	9	4	0	0	0	4	149	441	149	4	0	0	0	13	9	4	13	4	9	B
B	13	5	9	13	10	4	0	0	0	1	7	26	21	3	0	0	0	13	9	5	13	4	10	B
B	13	5	8	13	10	3	0	0	0	1	16	234	389	45	1	0	0	13	8	5	13	3	10	B
B	13	6	8	13	11	3	0	0	0	0	1	10	23	10	1	0	0	13	8	6	13	3	11	B
B	13	6	7	13	11	2	0	0	0	0	2	31	268	221	13	0	0	13	7	6	13	2	11	B
B	13	7	7	13	12	2	0	0	0	0	0	2	9	14	3	0	0	13	7	7	13	2	12	B
B	13	7	6	13	12	1	0	0	0	0	0	2	42	230	95	0	0	13	6	7	13	1	12	B
B	13	8	6	13	13	1	0	0	0	0	0	0	1	5	4	0	0	13	6	8	13	1	13	B
B	13	8	5	13	13	0	0	0	0	0	0	0	2	43	103	7	0	13	5	8	13	0	13	B
												Δτ = 11												
A	13	4	9	13	10	4	0	0	0	0	2	13	13	2	0	0	0	13	9	4	13	4	10	C
C	13	5	9	13	10	3	0	0	0	0	5	13	7	0	0	0	0	13	9	5	13	3	10	A
A	13	5	8	13	11	3	0	0	0	0	0	4	15	8	1	0	0	13	8	5	13	3	11	C
C	13	6	8	13	11	2	0	0	0	0	1	5	8	2	0	0	0	13	8	6	13	2	11	A
A	13	6	7	13	12	2	0	0	0	0	0	0	5	11	3	0	0	13	7	6	13	2	12	C
C	13	7	7	13	12	1	0	0	0	0	0	1	3	3	0	0	0	13	7	7	13	1	12	A
A	13	7	6	13	13	1	0	0	0	0	0	0	0	4	4	0	0	13	6	7	13	1	13	C
C	13	8	6	13	13	0	0	0	0	0	0	0	0	1	0	0	0	13	6	8	13	0	13	A
												Δτ = 13												
A	13	4	10	13	10	3	0	0	0	0	0	1	0	0	0	0	0	13	10	4	13	3	10	C
A	13	5	9	13	11	2	0	0	0	0	0	0	1	0	0	0	0	13	9	5	13	2	11	C
												Δτ = 14												
B	13	3	10	13	10	3	0	0	0	0	1	1	1	0	0	0	0	13	10	3	13	3	10	B
B	13	4	9	13	11	2	0	0	0	0	0	1	1	0	0	0	0	13	9	4	13	2	11	B
B	13	5	8	13	12	1	0	0	0	0	0	0	1	1	0	0	0	13	8	5	13	1	12	B
J=13			ΔJ = 1																					
												Δτ = 0												
B	13	7	6	14	8	7	825000	813801	776949	717996	595192	436909	454951	609261	687789	735604	750000	13	6	7	14	7	8	B
B	13	8	5	14	9	6	903571	894842	866260	821175	730733	588460	424268	489848	595890	659698	678571	13	5	8	14	6	9	B
B	13	9	4	14	10	5	985714	979009	957120	922859	855547	754200	576877	417249	496198	584863	610714	13	4	9	14	5	10	B
B	13	10	3	14	11	4	1071429	1066461	1050278	1025064	976079	904294	782840	535032	423306	508222	546429	13	3	10	14	4	11	B
B	13	11	2	14	12	3	1160714	1157296	1146174	1128896	1095544	1047347	968410	799675	541344	437867	485714	13	2	11	14	3	12	B
B	13	12	1	14	13	2	1253571	1251575	1245083	1235018	1215662	1187898	1143122	1051460	882899	536235	428571	13	1	12	14	2	13	B
B	13	13	0	14	14	1	1350000	1349338	1347188	1343855	1337454	1328293	1313587	1283891	1231229	1035402	750000	13	0	13	14	1	14	B
												Δτ = 1												
C	13	0	13	14	1	13	750000	445589	262827	225430	206335	198662	195087	193454	192990	192865	192857	13	13	0	14	13	1	A
C	13	1	13	14	2	13	428571	356444	262300	225426	206335	198662	195087	193454	192990	192865	192857	13	13	1	14	13	2	A
C	13	1	12	14	2	12	428571	695067	521195	433813	397304	382578	375711	372575	371684	371443	371429	13	12	1	14	12	2	A
C	13	2	12	14	3	12	485714	522981	491496	433518	397303	382578	375711	372575	371684	371443	371429	13	12	2	14	12	3	A
C	13	2	11	14	3	11	485714	567300	784137	631577	572847	551732	541866	537360	536081	535735	535714	13	11	2	14	11	3	A
C	13	3	11	14	4	11	546429	581592	640158	618455	572797	551732	541866	537360	536081	535735	535714	13	11	3	14	11	4	A
C	13	3	10	14	4	10	546429	582990	749614	855150	733371	706078	693539	687808	686181	685741	685714	13	10	3	14	10	4	A
C	13	4	10	14	5	10	610714	635557	705204	752513	731326	706066	693539	687808	686181	685741	685714	13	10	4	14	10	5	A
C	13	4	9	14	5	9	610714	635583	713406	890186	901742	845512	830698	823910	821981	821460	821429	13	9	4	14	9	5	A
C	13	5	9	14	6	9	678571	696944	752173	820702	861528	845055	830696	823910	821981	821460	821429	13	9	5	14	9	6	A
C	13	5	8	14	6	8	678571	696944	752529	836974	1030856	977203	953231	945649	943479	942893	942857	13	8	5	14	8	6	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	13	6	8	14	7	8	750000	764094	806903	865457	942615	963800	953147	945648	943479	942893	942857	13	8	6	14	8	7	A
C	13	6	7	14	7	7	750000	764094	806914	866383	989544	1112499	1062181	1052973	1050666	1050038	1050000	13	7	6	14	7	7	A
C	13	7	7	14	8	7	825000	835997	869545	915938	988952	1047250	1059089	1052968	1050666	1050038	1050000	13	7	7	14	7	8	A
C	13	7	6	14	8	6	825000	835997	869546	915978	992513	1118511	1174481	1145737	1143517	1142896	1142857	13	6	7	14	6	8	A
C	13	8	6	14	9	6	903571	912160	938434	974881	1033519	1095870	1139950	1145492	1143517	1142896	1142857	13	6	8	14	6	9	A
C	13	8	5	14	9	5	903571	912160	938434	974882	1033719	1103415	1222583	1228088	1221940	1221461	1221429	13	5	8	14	5	9	A
C	13	9	5	14	10	5	985714	992319	1012567	1040723	1086123	1136653	1190032	1220389	1221910	1221461	1221429	13	5	9	14	5	10	A
C	13	9	4	14	10	4	985714	992319	1012567	1040723	1086131	1137114	1204076	1297229	1286485	1285719	1285714	13	4	9	14	4	10	A
C	13	10	4	14	11	4	1071429	1076326	1091359	1112307	1146137	1183916	1227363	1271528	1284846	1285719	1285714	13	4	10	14	4	11	A
C	13	10	3	14	11	3	1071429	1076326	1091359	1112307	1146137	1183937	1228257	1299271	1340955	1335598	1335714	13	3	10	14	3	11	A
C	13	11	3	14	12	3	1160714	1164086	1174449	1188912	1212309	1238460	1268778	1305486	1329060	1335563	1335714	13	3	11	14	3	12	A
C	13	11	2	14	12	2	1160714	1164086	1174449	1188912	1212309	1238460	1268818	1307670	1355252	1371961	1371429	13	2	11	14	2	12	A
C	13	12	2	14	13	2	1253571	1255542	1261602	1270070	1283791	1299145	1316961	1339082	1357921	1370319	1371429	13	2	12	14	2	13	A
C	13	12	1	14	13	1	1253571	1255542	1261602	1270070	1283791	1299145	1316962	1339175	1360332	1390022	1392857	13	1	12	14	1	13	A
C	13	13	1	14	14	1	1350000	1350653	1352662	1355469	1360020	1365113	1371022	1378366	1384943	1391544	1392857	13	1	13	14	1	14	A
C	13	13	0	14	14	0	1350000	1350653	1352662	1355469	1360020	1365113	1371022	1378368	1385013	1394324	1400000	13	0	13	14	0	14	A
												$\Delta\tau$ =	2											
B	13	1	13	14	2	12	428571	132221	17878	9707	6560	5236	4491	4007	3767	3617	3571	13	13	1	14	12	2	B
B	13	2	12	14	3	11	485714	391994	89919	30736	19902	15770	13484	12019	11299	10850	10714	13	12	2	14	11	3	B
B	13	3	11	14	4	10	546429	506784	304895	84727	40312	31628	26965	24016	22583	21696	21429	13	11	3	14	10	4	B
B	13	4	10	14	5	9	610714	584837	487416	257108	73701	52706	44847	39947	37592	36147	35714	13	10	4	14	9	5	B
B	13	5	9	14	6	8	678571	659697	595508	471771	174723	80355	66842	59678	56263	54188	53571	13	9	5	14	8	6	B
B	13	6	8	14	7	7	750000	735604	687777	608210	398986	146312	92562	82875	78452	75785	75000	13	8	6	14	7	7	B
B	13	7	7	14	8	6	825000	813801	776948	717950	590780	339408	136339	108715	103823	100863	100000	13	7	7	14	6	8	B
B	13	8	6	14	9	5	903571	894842	866260	821174	730482	578066	282720	138634	131523	129242	128571	13	6	8	14	5	9	B
B	13	9	5	14	10	4	985714	979009	957120	922859	855537	753546	554333	221807	160565	160446	160714	13	5	9	14	4	10	B
B	13	10	4	14	11	3	1071429	1066461	1050278	1025064	976078	904264	781338	476503	222616	193187	196429	13	4	10	14	3	11	B
B	13	11	3	14	12	2	1160714	1157296	1146174	1128896	1095544	1047346	968341	794887	462480	235542	235714	13	3	11	14	2	12	B
B	13	12	2	14	13	1	1253571	1251575	1245083	1235018	1215662	1187898	1143120	1051254	875436	428058	278571	13	2	12	14	1	13	B
B	13	13	1	14	14	0	1350000	1349338	1347188	1343855	1337454	1328293	1313587	1283887	1231007	1018041	650000	13	1	13	14	0	14	B
												$\Delta\tau$ =	3											
A	13	0	13	14	2	12	0	2345	1813	1957	2305	2624	2923	3208	3392	3527	3571	13	13	0	14	12	2	C
A	13	1	13	14	3	12	0	473	1599	1952	2305	2624	2923	3208	3392	3527	3571	13	13	1	14	12	3	C
A	13	1	12	14	3	11	0	1375	8596	6348	7073	7954	8809	9639	10181	10582	10714	13	12	1	14	11	3	C
A	13	2	12	14	4	11	0	408	3862	6023	7070	7954	8809	9639	10181	10582	10714	13	12	2	14	11	4	C
A	13	2	11	14	4	10	0	449	12401	17647	14701	16166	17747	19332	20383	21168	21429	13	11	2	14	10	4	C
A	13	3	11	14	5	10	0	260	4103	10978	14551	16163	17747	19332	20383	21168	21429	13	11	3	14	10	5	C
A	13	3	10	14	5	9	0	261	5277	32028	28194	27657	29919	32365	34033	35293	35714	13	10	3	14	9	5	C
A	13	4	10	14	6	9	0	176	3056	12294	24114	27568	29918	32365	34033	35293	35714	13	10	4	14	9	6	C
A	13	4	9	14	6	8	0	176	3102	17453	59545	44407	45724	48903	51200	52973	53571	13	9	4	14	8	6	C
A	13	5	9	14	7	8	0	127	2207	9912	30130	41963	45679	48903	51200	52973	53571	13	9	5	14	8	7	C
A	13	5	8	14	7	7	0	127	2208	10209	54918	82411	66447	69293	72033	74243	75000	13	8	5	14	7	7	C
A	13	6	8	14	8	7	0	94	1639	7410	27222	53811	65243	69282	72033	74243	75000	13	8	6	14	7	8	C
A	13	6	7	14	8	6	0	94	1639	7420	30033	108008	105110	94373	96850	99176	100000	13	7	6	14	6	8	C
A	13	7	7	14	9	6	0	71	1236	5568	21004	52196	84296	94051	96846	99176	100000	13	7	7	14	6	9	C
A	13	7	6	14	9	5	0	71	1236	5568	21127	63046	168666	129486	126410	127944	128571	13	6	7	14	5	9	C
A	13	8	6	14	10	5	0	54	929	4179	15711	41148	86929	121747	126268	127944	128571	13	6	8	14	5	10	C
A	13	8	5	14	10	4	0	54	929	4179	15716	41715	119263	211719	164133	160977	160714	13	5	8	14	4	10	C
A	13	9	5	14	11	4	0	39	684	3074	11518	30164	69809	136250	159960	160965	160714	13	5	9	14	4	11	C
A	13	9	4	14	11	3	0	39	684	3074	11518	30184	72035	229180	247288	199744	196429	13	4	9	14	3	11	C
A	13	10	4	14	12	3	0	28	479	2152	8052	21021	49019	114686	181872	198970	196429	13	4	10	14	3	12	C
A	13	10	3	14	12	2	0	28	479	2152	8052	21022	49094	126984	326280	262430	235714	13	3	10	14	2	12	C
A	13	11	3	14	13	2	0	17	302	1356	5070	13213	30736	74371	149799	233260	235714	13	3	11	14	2	13	C
A	13	11	2	14	13	1	0	17	302	1356	5070	13213	30737	74751	177302	433519	278571	13	2	11	14	1	13	C
A	13	12	2	14	14	1	0	8	144	647	2418	6299	14634	35432	75976	185633	278571	13	2	12	14	1	14	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	κ 0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	13	12	1	14	14	0	0	8	144	647	2418	6299	14634	35438	76606	273407	650000	13	1	12	14	0	14	C
												$\Delta\tau$ = 4												
B	13	0	13	14	3	12	0	11654	15586	9683	6560	5236	4491	4007	3767	3617	3571	13	13	0	14	12	3	B
B	13	1	12	14	4	11	0	1972	30170	28958	19891	15769	13484	12019	11299	10850	10714	13	12	1	14	11	4	B
B	13	2	11	14	5	10	0	339	11798	44887	39828	31622	26965	24016	22583	21696	21429	13	11	2	14	10	5	B
B	13	3	10	14	6	9	0	119	2569	23868	60456	52501	44845	39947	37592	36147	35714	13	10	3	14	9	6	B
B	13	4	9	14	7	8	0	52	964	6076	50300	74793	66762	59678	56263	54188	53571	13	9	4	14	8	7	B
B	13	5	8	14	8	7	0	25	460	2300	16333	73945	90435	82860	78452	75785	75000	13	8	5	14	7	8	B
B	13	6	7	14	9	6	0	13	234	1134	5316	30781	98785	108258	103818	100863	100000	13	7	6	14	6	9	B
B	13	7	6	14	10	5	0	7	121	581	2504	9113	53539	127667	131350	129242	128571	13	6	7	14	5	10	B
B	13	8	5	14	11	4	0	3	61	294	1241	3875	14936	99181	155404	160433	160714	13	5	8	14	4	11	B
B	13	9	4	14	12	3	0	2	29	139	582	1771	5261	30412	136864	192351	196429	13	4	9	14	3	12	B
B	13	10	3	14	13	2	0	1	12	56	236	708	2020	7380	44112	203361	235714	13	3	10	14	2	13	B
B	13	11	2	14	14	1	0	0	3	16	65	195	548	1809	6552	86625	278571	13	2	11	14	1	14	B
												$\Delta\tau$ = 5												
C	13	0	13	14	3	11	0	10661	3237	556	168	64	23	6	1	0	0	13	13	0	14	11	3	A
C	13	1	13	14	4	11	0	632	1263	526	168	64	23	6	1	0	0	13	13	1	14	11	4	A
C	13	1	12	14	4	10	0	1921	19760	4016	823	302	108	28	6	0	0	13	12	1	14	10	4	A
C	13	2	12	14	5	10	0	300	2587	2314	814	302	108	28	6	0	0	13	12	2	14	10	5	A
C	13	2	11	14	5	9	0	330	10463	20242	2911	914	318	81	18	1	0	13	11	2	14	9	5	A
C	13	3	11	14	6	9	0	116	1778	4125	2441	911	318	81	18	1	0	13	11	3	14	9	6	A
C	13	3	10	14	6	8	0	116	2315	18204	12193	2385	771	194	42	2	0	13	10	3	14	8	6	A
C	13	4	10	14	7	8	0	51	855	3312	4741	2237	770	194	42	2	0	13	10	4	14	8	7	A
C	13	4	9	14	7	7	0	51	868	4876	26040	7497	1714	415	90	5	0	13	9	4	14	7	7	A
C	13	5	9	14	8	7	0	25	414	1787	4965	4336	1679	415	90	5	0	13	9	5	14	7	8	A
C	13	5	8	14	8	6	0	25	414	1843	10597	22317	4242	844	180	10	0	13	8	5	14	6	8	A
C	13	6	8	14	9	6	0	13	210	907	3118	5257	3240	840	180	10	0	13	8	6	14	6	9	A
C	13	6	7	14	9	5	0	13	210	908	3473	14940	13795	1755	354	20	0	13	7	6	14	5	9	A
C	13	7	7	14	10	5	0	7	109	465	1621	3688	4471	1634	353	20	0	13	7	7	14	5	10	A
C	13	7	6	14	10	4	0	7	109	465	1631	4595	16677	4956	710	39	0	13	6	7	14	4	10	A
C	13	8	6	14	11	4	0	3	55	235	807	1915	3520	2671	689	39	0	13	6	8	14	4	11	A
C	13	8	5	14	11	3	0	3	55	235	808	1945	5275	12604	1822	80	0	13	5	8	14	3	11	A
C	13	9	5	14	12	3	0	2	26	111	378	886	1785	2615	1226	80	0	13	5	9	14	3	12	A
C	13	9	4	14	12	2	0	2	26	111	378	886	1851	6000	6069	192	0	13	4	9	14	2	12	A
C	13	10	4	14	13	2	0	1	11	45	153	354	707	1312	1323	168	0	13	4	10	14	2	13	A
C	13	10	3	14	13	1	0	1	11	45	153	354	708	1486	4155	821	0	13	3	10	14	1	13	A
C	13	11	3	14	14	1	0	0	3	13	42	98	192	360	527	238	0	13	3	11	14	1	14	A
C	13	11	2	14	14	0	0	0	3	13	42	98	192	362	658	1610	0	13	2	11	14	0	14	A
												$\Delta\tau$ = 6												
B	13	1	13	14	4	10	0	646	990	112	16	5	2	0	0	0	0	13	13	1	14	10	4	B
B	13	2	12	14	5	9	0	307	2781	1550	138	34	10	2	0	0	0	13	12	2	14	9	5	B
B	13	3	11	14	6	8	0	119	1970	4712	1098	161	44	10	2	0	0	13	11	3	14	8	6	B
B	13	4	10	14	7	7	0	52	949	4100	5350	843	157	33	7	0	0	13	10	4	14	7	7	B
B	13	5	9	14	8	6	0	25	460	2229	7327	4708	606	103	21	1	0	13	9	5	14	6	8	B
B	13	6	8	14	9	5	0	13	234	1132	4764	9495	3300	325	60	3	0	13	8	6	14	5	9	B
B	13	7	7	14	10	4	0	7	121	581	2489	7264	10193	1445	184	10	0	13	7	7	14	4	10	B
B	13	8	6	14	11	3	0	3	61	294	1241	3816	9749	7379	751	31	0	13	6	8	14	3	11	B
B	13	9	5	14	12	2	0	2	29	139	582	1769	5071	11995	4761	123	0	13	5	9	14	2	12	B
B	13	10	4	14	13	1	0	1	12	56	236	708	2017	6490	11456	1007	0	13	4	10	14	1	13	B
B	13	11	3	14	14	0	0	0	3	16	65	195	548	1798	5219	6526	0	13	3	11	14	0	14	B
												$\Delta\tau$ = 7												
A	13	0	13	14	4	10	0	10	98	22	6	2	1	0	0	0	0	13	13	0	14	10	4	C
A	13	1	13	14	5	10	0	0	11	13	6	2	1	0	0	0	0	13	13	1	14	10	5	C
A	13	1	12	14	5	9	0	1	225	308	48	17	7	2	0	0	0	13	12	1	14	9	5	C
A	13	2	12	14	6	9	0	0	14	56	40	17	7	2	0	0	0	13	12	2	14	9	6	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	13	2	11	14	6	8	0	0	58	821	384	81	29	8	2	0	0	13	11	2	14	8	6	C
A	13	3	11	14	7	8	0	0	6	71	144	76	29	8	2	0	0	13	11	3	14	8	7	C
A	13	3	10	14	7	7	0	0	8	336	1788	422	102	27	6	0	0	13	10	3	14	7	7	C
A	13	4	10	14	8	7	0	0	2	38	237	240	100	27	6	0	0	13	10	4	14	7	8	C
A	13	4	9	14	8	6	0	0	2	56	1655	2311	394	82	18	1	0	13	9	4	14	6	8	C
A	13	5	9	14	9	6	0	0	1	14	171	448	300	82	18	1	0	13	9	5	14	6	9	C
A	13	5	8	14	9	5	0	0	1	14	372	3728	2133	260	54	3	0	13	8	5	14	5	9	C
A	13	6	8	14	10	5	0	0	0	5	71	391	631	242	54	3	0	13	8	6	14	5	10	C
A	13	6	7	14	10	4	0	0	0	5	80	1182	5892	1156	166	9	0	13	7	6	14	4	10	C
A	13	7	7	14	11	4	0	0	0	2	24	178	668	609	161	9	0	13	7	7	14	4	11	C
A	13	7	6	14	11	3	0	0	0	2	25	222	2916	5733	676	30	0	13	6	7	14	3	11	C
A	13	8	6	14	12	3	0	0	0	1	8	57	326	889	451	30	0	13	6	8	14	3	12	C
A	13	8	5	14	12	2	0	0	0	1	8	58	494	6682	4242	120	0	13	5	8	14	2	12	C
A	13	9	5	14	13	2	0	0	0	0	2	15	91	512	783	105	0	13	5	9	14	2	13	C
A	13	9	4	14	13	1	0	0	0	0	2	15	95	1231	8357	982	0	13	4	9	14	1	13	C
A	13	10	4	14	14	1	0	0	0	0	0	3	15	106	406	276	0	13	4	10	14	1	14	C
A	13	10	3	14	14	0	0	0	0	0	0	3	15	120	1405	6082	0	13	3	10	14	0	14	C
												$\Delta\tau$ = 8												
B	13	0	13	14	5	10	0	8	105	64	16	5	2	0	0	0	0	13	13	0	14	10	5	B
B	13	1	12	14	6	9	0	0	114	276	115	34	10	2	0	0	0	13	12	1	14	9	6	B
B	13	2	11	14	7	8	0	0	18	310	410	151	44	10	2	0	0	13	11	2	14	8	7	B
B	13	3	10	14	8	7	0	0	2	78	641	480	154	33	7	0	0	13	10	3	14	7	8	B
B	13	4	9	14	9	6	0	0	0	9	313	873	460	103	21	1	0	13	9	4	14	6	9	B
B	13	5	8	14	10	5	0	0	0	1	45	607	960	303	60	3	0	13	8	5	14	5	10	B
B	13	6	7	14	11	4	0	0	0	0	6	115	902	759	179	10	0	13	7	6	14	4	11	B
B	13	7	6	14	12	3	0	0	0	0	1	13	229	1068	501	31	0	13	6	7	14	3	12	B
B	13	8	5	14	13	2	0	0	0	0	0	2	21	440	856	108	0	13	5	8	14	2	13	B
B	13	9	4	14	14	1	0	0	0	0	0	0	2	31	361	282	0	13	4	9	14	1	14	B
												$\Delta\tau$ = 9												
C	13	0	13	14	5	9	0	7	92	27	1	0	0	0	0	0	0	13	13	0	14	9	5	A
C	13	1	13	14	6	9	0	0	5	5	1	0	0	0	0	0	0	13	13	1	14	9	6	A
C	13	1	12	14	6	8	0	0	102	203	22	2	0	0	0	0	0	13	12	1	14	8	6	A
C	13	2	12	14	7	8	0	0	4	15	8	1	0	0	0	0	0	13	12	2	14	8	7	A
C	13	2	11	14	7	7	0	0	16	246	197	14	1	0	0	0	0	13	11	2	14	7	7	A
C	13	3	11	14	8	7	0	0	1	13	25	8	1	0	0	0	0	13	11	3	14	7	8	A
C	13	3	10	14	8	6	0	0	2	62	403	131	7	0	0	0	0	13	10	3	14	6	8	A
C	13	4	10	14	9	6	0	0	0	5	28	25	5	0	0	0	0	13	10	4	14	6	9	A
C	13	4	9	14	9	5	0	0	0	7	203	399	58	2	0	0	0	13	9	4	14	5	9	A
C	13	5	9	14	10	5	0	0	0	1	14	34	17	1	0	0	0	13	9	5	14	5	10	A
C	13	5	8	14	10	4	0	0	0	1	29	302	272	11	0	0	0	13	8	5	14	4	10	A
C	13	6	8	14	11	4	0	0	0	0	4	19	28	6	0	0	0	13	8	6	14	4	11	A
C	13	6	7	14	11	3	0	0	0	0	4	57	310	85	2	0	0	13	7	6	14	3	11	A
C	13	7	7	14	12	3	0	0	0	0	1	5	18	13	1	0	0	13	7	7	14	3	12	A
C	13	7	6	14	12	2	0	0	0	0	1	7	80	199	20	0	0	13	6	7	14	2	12	A
C	13	8	6	14	13	2	0	0	0	0	0	1	5	11	4	0	0	13	6	8	14	2	13	A
C	13	8	5	14	13	1	0	0	0	0	0	1	7	88	75	0	0	13	5	8	14	1	13	A
C	13	9	5	14	14	1	0	0	0	0	0	0	1	3	3	0	0	13	5	9	14	1	14	A
C	13	9	4	14	14	0	0	0	0	0	0	0	1	6	36	5	0	13	4	9	14	0	14	A
												$\Delta\tau$ = 10												
B	13	1	13	14	6	8	0	0	5	6	0	0	0	0	0	0	0	13	13	1	14	8	6	B
B	13	2	12	14	7	7	0	0	4	19	9	1	0	0	0	0	0	13	12	2	14	7	7	B
B	13	3	11	14	8	6	0	0	1	16	37	9	0	0	0	0	0	13	11	3	14	6	8	B
B	13	4	10	14	9	5	0	0	0	6	43	46	5	0	0	0	0	13	10	4	14	5	9	B
B	13	5	9	14	10	4	0	0	0	1	21	67	39	1	0	0	0	13	9	5	14	4	10	B
B	13	6	8	14	11	3	0	0	0	0	6	38	77	16	0	0	0	13	8	6	14	3	11	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	13	7	7	14	12	2	0	0	0	0	1	11	51	59	5	0	0	13	7	7	14	2	12	B
B	13	8	6	14	13	1	0	0	0	0	0	2	14	54	31	0	0	13	6	8	14	1	13	B
B	13	9	5	14	14	0	0	0	0	0	0	0	2	13	30	3	0	13	5	9	14	0	14	B
												$\Delta\tau$ = 11												
A	13	0	13	14	6	8	0	0	1	1	0	0	0	0	0	0	0	13	13	0	14	8	6	C
A	13	1	12	14	7	7	0	0	0	4	3	0	0	0	0	0	0	13	12	1	14	7	7	C
A	13	2	11	14	8	6	0	0	0	3	13	4	0	0	0	0	0	13	11	2	14	6	8	C
A	13	3	11	14	9	6	0	0	0	0	1	1	0	0	0	0	0	13	11	3	14	6	9	C
A	13	3	10	14	9	5	0	0	0	0	14	23	3	0	0	0	0	13	10	3	14	5	9	C
A	13	4	10	14	10	5	0	0	0	0	1	2	1	0	0	0	0	13	10	4	14	5	10	C
A	13	4	9	14	10	4	0	0	0	0	5	32	26	1	0	0	0	13	9	4	14	4	10	C
A	13	5	9	14	11	4	0	0	0	0	0	2	3	1	0	0	0	13	9	5	14	4	11	C
A	13	5	8	14	11	3	0	0	0	0	0	15	50	13	0	0	0	13	8	5	14	3	11	C
A	13	6	8	14	12	3	0	0	0	0	0	1	3	2	0	0	0	13	8	6	14	3	12	C
A	13	6	7	14	12	2	0	0	0	0	0	2	29	47	5	0	0	13	7	6	14	2	12	C
A	13	7	7	14	13	2	0	0	0	0	0	0	1	3	1	0	0	13	7	7	14	2	13	C
A	13	7	6	14	13	1	0	0	0	0	0	0	4	42	28	0	0	13	6	7	14	1	13	C
A	13	8	6	14	14	1	0	0	0	0	0	0	0	1	1	0	0	13	6	8	14	1	14	C
A	13	8	5	14	14	0	0	0	0	0	0	0	0	7	26	3	0	13	5	8	14	0	14	C
												$\Delta\tau$ = 12												
B	13	1	12	14	8	7	0	0	0	1	1	0	0	0	0	0	0	13	12	1	14	7	8	B
B	13	2	11	14	9	6	0	0	0	0	2	2	0	0	0	0	0	13	11	2	14	6	9	B
B	13	3	10	14	10	5	0	0	0	0	2	4	2	0	0	0	0	13	10	3	14	5	10	B
B	13	4	9	14	11	4	0	0	0	0	0	3	4	1	0	0	0	13	9	4	14	4	11	B
B	13	5	8	14	12	3	0	0	0	0	0	1	4	2	0	0	0	13	8	5	14	3	12	B
B	13	6	7	14	13	2	0	0	0	0	0	0	1	3	1	0	0	13	7	6	14	2	13	B
B	13	7	6	14	14	1	0	0	0	0	0	0	0	1	1	0	0	13	6	7	14	1	14	B
												$\Delta\tau$ = 13												
C	13	1	12	14	8	6	0	0	0	1	1	0	0	0	0	0	0	13	12	1	14	6	8	A
C	13	2	11	14	9	5	0	0	0	0	2	1	0	0	0	0	0	13	11	2	14	5	9	A
C	13	3	10	14	10	4	0	0	0	0	1	2	0	0	0	0	0	13	10	3	14	4	10	A
C	13	4	9	14	11	3	0	0	0	0	0	2	1	0	0	0	0	13	9	4	14	3	11	A
C	13	5	8	14	12	2	0	0	0	0	0	0	1	0	0	0	0	13	8	5	14	2	12	A
C	13	6	7	14	13	1	0	0	0	0	0	0	0	1	0	0	0	13	7	6	14	1	13	A
J=14			ΔJ = 0																					
												$\Delta\tau$ = 1												
C	14	7	7	14	8	7	531667	520362	485233	434645	347057	321198	508484	637035	668086	676175	676667	14	7	7	14	7	8	A
A	14	8	7	14	8	6	883810	883451	877587	855524	772152	556917	373905	451414	519436	565362	580000	14	7	8	14	6	8	C
C	14	8	6	14	9	6	476429	467556	440107	401152	335336	260014	279860	437619	484856	496445	497143	14	6	8	14	6	9	A
A	14	9	6	14	9	5	1118571	1118307	1113991	1097886	1039416	897293	575201	452512	538807	601758	621429	14	6	9	14	5	9	C
C	14	9	5	14	10	5	414286	407334	385875	355627	305590	246795	187080	251078	326189	344190	345238	14	5	9	14	5	10	A
A	14	10	5	14	10	4	1380952	1380759	1377596	1365838	1323824	1227757	991758	556268	538358	627696	655952	14	5	10	14	4	10	C
C	14	10	4	14	11	4	345238	339907	323469	300376	262542	219197	166620	131762	187334	219210	220952	14	4	10	14	4	11	A
A	14	11	4	14	11	3	1670952	1670814	1668560	1660195	1630521	1564217	1413901	980473	599840	638710	683571	14	4	11	14	3	11	C
C	14	11	3	14	12	3	269286	265397	253416	236611	209199	178158	141339	95109	86440	120711	124286	14	3	11	14	3	12	A
A	14	12	3	14	12	2	1988571	1988479	1986975	1981399	1961692	1918105	1822315	1563636	1024618	655763	704286	14	3	12	14	2	12	C
C	14	12	2	14	13	2	186429	183880	176031	165030	147121	126941	103287	73256	48068	48644	55238	14	2	12	14	2	13	A
A	14	13	2	14	13	1	2333810	2333757	2332898	2329718	2318497	2293799	2240194	2102315	1803433	1001749	718095	14	2	13	14	1	13	C
C	14	13	1	14	14	1	96667	95404	91515	86066	77203	67235	55602	41003	27665	15226	13810	14	1	13	14	1	14	A
A	14	14	1	14	14	0	2706667	2706649	2706367	2705319	2701626	2693511	2675968	2631438	2539758	2147269	1450000	14	1	14	14	0	14	C
												$\Delta\tau$ = 2												
B	14	7	8	14	8	7	531667	543080	579985	636961	741575	810144	741575	636961	579985	543080	531667	14	8	7	14	7	8	B
B	14	7	7	14	8	6	531667	543080	579985	637050	752759	1060045	949487	716688	642279	594739	580000	14	7	7	14	6	8	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	14	8	7	14	9	6	476429	485399	514451	559315	645326	755773	805077	714522	642257	594739	580000	14	7	8	14	6	9	B
B	14	8	6	14	9	5	476429	485399	514451	559317	645863	789159	1132775	825324	704571	641119	621429	14	6	8	14	5	9	B
B	14	9	6	14	10	5	414286	421320	444121	479335	546820	642633	765946	782868	703831	641118	621429	14	6	9	14	5	10	B
B	14	9	5	14	10	4	414286	421320	444121	479335	546841	644259	853930	1083438	780772	683857	655952	14	5	9	14	4	10	B
B	14	10	5	14	11	4	345238	350635	368138	395177	446913	520666	635879	778077	762532	683806	655952	14	5	10	14	4	11	B
B	14	10	4	14	11	3	345238	350635	368138	395177	446913	520731	640701	1014909	993928	728016	683571	14	4	10	14	3	11	B
B	14	11	4	14	12	3	269286	273223	285996	305734	343478	397164	482491	640165	764011	725260	683571	14	4	11	14	3	12	B
B	14	11	3	14	12	2	269286	273223	285996	305734	343478	397166	482665	664188	1099396	828806	704286	14	3	11	14	2	12	B
B	14	12	3	14	13	2	186429	189009	197383	210326	235072	270236	326056	435707	597955	740246	704286	14	3	12	14	2	13	B
B	14	12	2	14	13	1	186429	189009	197383	210326	235072	270236	326061	436405	650658	1166112	718095	14	2	12	14	1	13	B
B	14	13	2	14	14	1	96667	97945	102096	108512	120780	138209	165858	220368	311335	535887	718095	14	2	13	14	1	14	B
B	14	13	1	14	14	0	96667	97945	102096	108512	120780	138209	165858	220379	312391	707535	1450000	14	1	13	14	0	14	B
												$\Delta\tau$ = 3												
C	14	7	8	14	8	6	531667	520362	485232	434561	338293	152215	26837	5815	1271	73	0	14	8	7	14	6	8	A
A	14	7	7	14	9	6	0	46	798	3625	14220	55368	263308	449381	519414	565362	580000	14	7	7	14	6	9	C
C	14	8	7	14	9	5	476429	467556	440107	401150	334892	239852	72997	9684	2030	116	0	14	7	8	14	5	9	A
A	14	8	6	14	10	5	0	28	491	2222	8548	24416	108392	414395	538068	601758	621429	14	6	8	14	5	10	C
C	14	9	6	14	10	4	414286	407334	385875	355627	305573	245694	148894	22175	3361	189	0	14	6	9	14	4	10	A
A	14	9	5	14	11	4	0	17	288	1301	4964	13551	38200	240165	520278	627645	655952	14	5	9	14	4	11	C
C	14	10	5	14	11	3	345238	339907	323469	300376	262541	219151	164263	62237	7150	326	0	14	5	10	14	3	11	A
A	14	10	4	14	12	3	0	9	155	697	2649	7146	17957	71229	361250	635895	683571	14	4	10	14	3	12	C
C	14	11	4	14	12	2	269286	265397	253416	236611	209199	178157	141245	88521	23074	662	0	14	4	11	14	2	12	A
A	14	11	3	14	13	2	0	4	70	316	1196	3205	7900	22607	101943	564191	704286	14	3	11	14	2	13	C
C	14	12	3	14	13	1	186429	183880	176031	165030	147121	126941	103285	73022	40541	2473	0	14	3	12	14	1	13	A
A	14	12	2	14	14	1	0	1	21	97	365	972	2371	6443	18227	199020	718095	14	2	12	14	1	14	C
C	14	13	2	14	14	0	96667	95404	91515	86066	77203	67235	55602	40999	27476	7836	0	14	2	13	14	0	14	A
												$\Delta\tau$ = 5												
C	14	6	8	14	9	6	0	10	164	723	3305	18067	20095	5792	1271	73	0	14	8	6	14	6	9	A
A	14	7	8	14	9	5	0	46	798	3625	13919	30012	13954	1804	383	23	0	14	8	7	14	5	9	C
C	14	7	7	14	10	5	0	4	70	305	1136	4383	17368	8988	2027	116	0	14	7	7	14	5	10	A
A	14	8	7	14	10	4	0	28	491	2222	8538	22838	35274	6470	954	55	0	14	7	8	14	4	10	C
C	14	8	6	14	11	4	0	2	29	125	447	1201	5147	11128	3263	189	0	14	6	8	14	4	11	A
A	14	9	6	14	11	3	0	17	288	1301	4964	13502	31707	27186	3227	145	0	14	6	9	14	3	11	C
C	14	9	5	14	12	3	0	1	11	47	165	409	1057	5670	4698	325	0	14	5	9	14	3	12	A
A	14	10	5	14	12	2	0	9	155	697	2649	7145	17752	39105	17133	490	0	14	5	10	14	2	12	C
C	14	10	4	14	13	2	0	0	3	15	51	122	269	915	3228	579	0	14	4	10	14	2	13	A
A	14	11	4	14	13	1	0	4	70	316	1196	3205	7895	21340	35973	3408	0	14	4	11	14	1	13	C
C	14	11	3	14	14	1	0	0	1	3	10	24	50	115	408	661	0	14	3	11	14	1	14	A
A	14	12	3	14	14	0	0	1	21	97	365	972	2371	6427	15929	19034	0	14	3	12	14	0	14	C
												$\Delta\tau$ = 6												
B	14	6	9	14	9	6	0	10	182	900	3874	6960	3874	900	182	10	0	14	9	6	14	6	9	B
B	14	6	8	14	9	5	0	10	182	904	5093	33952	21143	2257	425	23	0	14	8	6	14	5	9	B
B	14	7	8	14	10	5	0	4	78	382	1713	5018	6368	2100	425	23	0	14	8	7	14	5	10	B
B	14	7	7	14	10	4	0	4	78	382	1749	8773	41475	8089	1060	56	0	14	7	7	14	4	10	B
B	14	8	7	14	11	4	0	2	32	157	688	2254	5544	4274	1030	56	0	14	7	8	14	4	11	B
B	14	8	6	14	11	3	0	2	32	157	688	2404	14604	31926	3587	149	0	14	6	8	14	3	11	B
B	14	9	6	14	12	3	0	1	12	59	253	816	2532	5155	2395	148	0	14	6	9	14	3	12	B
B	14	9	5	14	12	2	0	1	12	59	253	819	3023	26890	18676	502	0	14	5	9	14	2	12	B
B	14	10	5	14	13	2	0	0	4	18	78	244	760	2626	3491	440	0	14	5	10	14	2	13	B
B	14	10	4	14	13	1	0	0	4	18	78	244	769	4574	28748	3493	0	14	4	10	14	1	13	B
B	14	11	4	14	14	1	0	0	1	4	15	48	143	544	1580	981	0	14	4	11	14	1	14	B
B	14	11	3	14	14	0	0	0	1	4	15	48	143	575	4065	18284	0	14	3	11	14	0	14	B
												$\Delta\tau$ = 7												
C	14	6	9	14	9	5	0	10	164	720	2508	3169	486	14	1	0	0	14	9	6	14	5	9	A
A	14	6	8	14	10	5	0	0	0	4	76	1371	3991	1678	382	23	0	14	8	6	14	5	10	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	14	7	8	14	10	4	0	4	70	305	1112	2485	1798	75	2	0	0	14	8	7	14	4	10	A
A	14	7	7	14	11	4	0	0	0	1	17	213	2656	3392	926	55	0	14	7	7	14	4	11	C
C	14	8	7	14	11	3	0	2	29	125	447	1126	1896	477	11	0	0	14	7	8	14	3	11	A
A	14	8	6	14	12	3	0	0	0	0	4	36	482	3779	2151	145	0	14	6	8	14	3	12	C
C	14	9	6	14	12	2	0	1	11	47	165	408	884	956	94	0	0	14	6	9	14	2	12	A
A	14	9	5	14	13	2	0	0	0	0	1	7	54	1128	3043	429	0	14	5	9	14	2	13	C
C	14	10	5	14	13	1	0	0	3	15	51	127	266	522	305	2	0	14	5	10	14	1	13	A
A	14	10	4	14	14	1	0	0	0	0	0	1	6	74	1004	954	0	14	4	10	14	1	14	C
C	14	11	4	14	14	0	0	0	1	3	10	24	50	109	157	17	0	14	4	11	14	0	14	A
												Δτ = 9												
C	14	5	9	14	10	5	0	0	0	1	38	238	142	13	1	0	0	14	9	5	14	5	10	A
A	14	6	9	14	10	4	0	0	0	4	58	258	214	9	0	0	0	14	9	6	14	4	10	C
C	14	6	8	14	11	4	0	0	0	0	4	66	174	39	2	0	0	14	8	6	14	4	11	A
A	14	7	8	14	11	3	0	0	0	1	17	121	328	88	2	0	0	14	8	7	14	3	11	C
C	14	7	7	14	12	3	0	0	0	0	1	6	72	71	8	0	0	14	7	7	14	3	12	A
A	14	8	7	14	12	2	0	0	0	0	4	34	180	266	26	0	0	14	7	8	14	2	12	C
C	14	8	6	14	13	2	0	0	0	0	0	1	7	47	17	0	0	14	6	8	14	2	13	A
A	14	9	6	14	13	1	0	0	0	0	1	7	45	202	135	1	0	14	6	9	14	1	13	C
C	14	9	5	14	14	1	0	0	0	0	0	0	0	6	12	0	0	14	5	9	14	1	14	A
A	14	10	5	14	14	0	0	0	0	0	0	1	6	42	107	12	0	14	5	10	14	0	14	C
												Δτ = 10												
B	14	5	10	14	10	5	0	0	0	1	17	39	17	1	0	0	0	14	10	5	14	5	10	B
B	14	5	9	14	10	4	0	0	0	1	59	472	329	12	0	0	0	14	9	5	14	4	10	B
B	14	6	9	14	11	4	0	0	0	0	5	25	33	6	0	0	0	14	9	6	14	4	11	B
B	14	6	8	14	11	3	0	0	0	0	6	133	489	110	2	0	0	14	8	6	14	3	11	B
B	14	7	8	14	12	3	0	0	0	0	1	7	26	16	2	0	0	14	8	7	14	3	12	B
B	14	7	7	14	12	2	0	0	0	0	1	13	205	330	29	0	0	14	7	7	14	2	12	B
B	14	8	7	14	13	2	0	0	0	0	0	1	8	18	5	0	0	14	7	8	14	2	13	B
B	14	8	6	14	13	1	0	0	0	0	0	1	21	232	149	1	0	14	6	8	14	1	13	B
B	14	9	6	14	14	1	0	0	0	0	0	0	1	5	6	0	0	14	6	9	14	1	14	B
B	14	9	5	14	14	0	0	0	0	0	0	0	1	28	115	13	0	14	5	9	14	0	14	B
												Δτ = 11												
C	14	5	10	14	10	4	0	0	0	1	11	19	5	0	0	0	0	14	10	5	14	4	10	A
A	14	5	9	14	11	4	0	0	0	0	1	11	21	5	0	0	0	14	9	5	14	4	11	C
C	14	6	9	14	11	3	0	0	0	0	3	13	11	1	0	0	0	14	9	6	14	3	11	A
A	14	6	8	14	12	3	0	0	0	0	0	2	16	13	1	0	0	14	8	6	14	3	12	C
C	14	7	8	14	12	2	0	0	0	0	1	4	9	3	0	0	0	14	8	7	14	2	12	A
A	14	7	7	14	13	2	0	0	0	0	0	0	4	14	5	0	0	14	7	7	14	2	13	C
C	14	8	7	14	13	1	0	0	0	0	0	1	3	4	0	0	0	14	7	8	14	1	13	A
A	14	8	6	14	14	1	0	0	0	0	0	0	0	4	5	0	0	14	6	8	14	1	14	C
C	14	9	6	14	14	0	0	0	0	0	0	0	0	1	1	0	0	14	6	9	14	0	14	A
												Δτ = 13												
C	14	4	10	14	11	4	0	0	0	0	0	1	0	0	0	0	0	14	10	4	14	4	11	A
A	14	5	10	14	11	3	0	0	0	0	0	1	1	0	0	0	0	14	10	5	14	3	11	C
C	14	5	9	14	12	3	0	0	0	0	0	0	1	0	0	0	0	14	9	5	14	3	12	A
A	14	6	9	14	12	2	0	0	0	0	0	0	1	0	0	0	0	14	9	6	14	2	12	C
A	14	7	8	14	13	1	0	0	0	0	0	0	0	1	0	0	0	14	8	7	14	1	13	C
												Δτ = 14												
B	14	4	10	14	11	3	0	0	0	0	0	2	1	0	0	0	0	14	10	4	14	3	11	B
B	14	5	9	14	12	2	0	0	0	0	0	1	2	0	0	0	0	14	9	5	14	2	12	B
B	14	6	8	14	13	1	0	0	0	0	0	0	1	1	0	0	0	14	8	6	14	1	13	B

J=14 Δ J = 1

Δτ = 0

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	14	7	7	15	8	8	843333	829761	784946	712506	558446	431278	558446	712506	784946	829761	843333	14	7	7	15	8	8	B
B	14	8	6	15	9	7	920000	909232	873894	817805	703170	524041	439822	598829	695099	752741	770000	14	6	8	15	7	9	B
B	14	9	5	15	10	6	1000000	991494	963683	919977	833182	698714	487506	477244	600739	677502	700000	14	5	9	15	6	10	B
B	14	10	4	15	11	5	1083333	1076739	1055232	1021631	955920	858087	686296	448164	497372	602556	633333	14	4	10	15	5	11	B
B	14	11	3	15	12	4	1170000	1165085	1149078	1124163	1075864	1005428	887585	630925	446859	524523	570000	14	3	11	15	4	12	B
B	14	12	2	15	13	3	1260000	1256603	1245553	1228396	1195312	1147602	1069813	905335	622471	457776	510000	14	2	12	15	3	13	B
B	14	13	1	15	14	2	1353333	1351343	1344876	1334850	1315579	1287964	1243506	1152904	987266	590888	453333	14	1	13	15	2	14	B
B	14	14	0	15	15	1	1450000	1449340	1447196	1443873	1437493	1428366	1413731	1384236	1332154	1135416	800000	14	0	14	15	1	15	B
												Δτ = 1												
C	14	0	14	15	1	14	800000	441585	263666	226049	206862	199160	195571	193932	193467	193341	193333	14	14	0	15	14	1	A
C	14	1	14	15	2	14	453333	366052	263410	226048	206862	199160	195571	193932	193467	193341	193333	14	14	1	15	14	2	A
C	14	1	13	15	2	13	453333	745047	516755	436268	399401	384561	377645	374487	373590	373348	373333	14	13	1	15	13	2	A
C	14	2	13	15	3	13	510000	550071	499657	436157	399400	384561	377645	374487	373590	373348	373333	14	13	2	15	13	3	A
C	14	2	12	15	3	12	510000	612679	803162	632619	577594	556196	546218	541664	540371	540021	540000	14	12	2	15	12	3	A
C	14	3	12	15	4	12	570000	611296	666742	627315	577580	556196	546218	541664	540371	540021	540000	14	12	3	15	12	4	A
C	14	3	11	15	4	11	570000	613566	826504	855543	741406	714046	701283	695460	693807	693361	693333	14	11	3	15	11	4	A
C	14	4	11	15	5	11	633333	662769	742260	778604	740862	714043	701283	695460	693807	693361	693333	14	11	4	15	11	5	A
C	14	4	10	15	5	10	633333	662818	758255	971898	899533	858037	842824	835871	833898	833366	833333	14	10	4	15	10	5	A
C	14	5	10	15	6	10	700000	721844	787177	862206	883288	857947	842824	835871	833898	833366	833333	14	10	5	15	10	6	A
C	14	5	9	15	6	9	700000	721845	787955	899128	1073733	989118	970793	962888	960643	960037	960000	14	9	5	15	9	6	A
C	14	6	9	15	7	9	770000	786869	838011	907308	984067	986068	970781	962888	960643	960037	960000	14	9	6	15	9	7	A
C	14	6	8	15	7	8	770000	786869	838039	909705	1083893	1130370	1085082	1076488	1074036	1073374	1073333	14	8	6	15	8	7	A
C	14	7	8	15	8	8	843333	856646	897198	953206	1038608	1087795	1084661	1076487	1074036	1073374	1073333	14	8	7	15	8	8	A
C	14	7	7	15	8	7	843333	856646	897199	953328	1049999	1213842	1191968	1176597	1174067	1173376	1173333	14	7	7	15	7	8	A
C	14	8	7	15	9	7	920000	930586	962929	1007745	1079700	1150243	1180418	1176576	1174067	1173376	1173333	14	7	8	15	7	9	A
C	14	8	6	15	9	6	920000	930586	962929	1007749	1080429	1178434	1295940	1263244	1260704	1260041	1260000	14	6	8	15	6	9	A
C	14	9	6	15	10	6	1000000	1008374	1034015	1069627	1127037	1190398	1247235	1262398	1260702	1260041	1260000	14	6	9	15	6	10	A
C	14	9	5	15	10	5	1000000	1008374	1034015	1069627	1127074	1192467	1298447	1345192	1333827	1333366	1333333	14	5	9	15	5	10	A
C	14	10	5	15	11	5	1083333	1089831	1109759	1137494	1182248	1232239	1288212	1329527	1333745	1333366	1333333	14	5	10	15	5	11	A
C	14	10	4	15	11	4	1083333	1089831	1109759	1137494	1182250	1232358	1293335	1396738	1395127	1393331	1393333	14	4	10	15	4	11	A
C	14	11	4	15	12	4	1170000	1174847	1189731	1210482	1244014	1281482	1324874	1373155	1391683	1393330	1393333	14	4	11	15	4	12	A
C	14	11	3	15	12	3	1170000	1174847	1189731	1210482	1244014	1281487	1325180	1388616	1444292	1439857	1440000	14	3	11	15	3	12	A
C	14	12	3	15	13	3	1260000	1263351	1273653	1288035	1311311	1337339	1367538	1404685	1431189	1439790	1440000	14	3	12	15	3	13	A
C	14	12	2	15	13	2	1260000	1263351	1273653	1288035	1311311	1337340	1367551	1405675	1450368	1474068	1473333	14	2	12	15	2	13	A
C	14	13	2	15	14	2	1353333	1355297	1361337	1369779	1383461	1398778	1416556	1438669	1457958	1471969	1473333	14	2	13	15	2	14	A
C	14	13	1	15	14	1	1353333	1355297	1361337	1369779	1383461	1398778	1416556	1438709	1459326	1489719	1493333	14	1	13	15	1	14	A
C	14	14	1	15	15	1	1450000	1450651	1452655	1455456	1459996	1465081	1470981	1478318	1484911	1491809	1493333	14	1	14	15	1	15	A
C	14	14	0	15	15	0	1450000	1450651	1452655	1455456	1459996	1465081	1470981	1478319	1484949	1493907	1500000	14	0	14	15	0	15	A
												Δτ = 2												
B	14	1	14	15	2	13	453333	117732	16092	9038	6117	4885	4191	3740	3516	3376	3333	14	14	1	15	13	2	B
B	14	2	13	15	3	12	510000	392715	73210	28125	18548	14711	12584	11218	10546	10127	10000	14	13	2	15	12	3	B
B	14	3	12	15	4	11	570000	522181	268696	68616	37494	29513	25173	22422	21081	20250	20000	14	12	3	15	11	4	B
B	14	4	11	15	5	10	633333	602506	480316	203265	64561	49234	41904	37314	35102	33741	33333	14	11	4	15	10	5	B
B	14	5	10	15	6	9	700000	677501	599901	436682	128984	73770	62596	55804	52564	50589	50000	14	10	5	15	9	6	B
B	14	6	9	15	7	8	770000	752741	695069	596106	317015	113056	86760	77688	73374	70770	70000	14	9	6	15	8	7	B
B	14	7	8	15	8	7	843333	829761	784945	712367	544613	237495	115732	102462	97330	94238	93333	14	8	7	15	7	8	B
B	14	8	7	15	9	6	920000	909232	873894	817800	702256	486350	188548	129063	123963	120891	120000	14	7	8	15	6	9	B
B	14	9	6	15	10	5	1000000	991494	963683	919977	833135	695802	405378	165115	152134	150494	150000	14	6	9	15	5	10	B
B	14	10	5	15	11	4	1083333	1076739	1055232	1021631	955918	857917	677890	291666	182108	182424	183333	14	5	10	15	4	11	B
B	14	11	4	15	12	3	1170000	1165085	1149078	1124163	1075864	1005421	887068	598379	267374	215122	220000	14	4	11	15	3	12	B
B	14	12	3	15	13	2	1260000	1256603	1245553	1228396	1195312	1147602	1069791	903146	565035	262067	260000	14	3	12	15	2	13	B
B	14	13	2	15	14	1	1353333	1351343	1344876	1334850	1315579	1287964	1243506	1152816	983007	490585	303333	14	2	13	15	1	14	B
B	14	14	1	15	15	0	1450000	1449340	1447196	1443873	1437493	1428366	1413731	1384234	1332035	1122277	700000	14	1	14	15	0	15	B
												Δτ = 3												
A	14	0	14	15	2	13	0	2288	1630	1820	2148	2448	2727	2994	3165	3292	3333	14	14	0	15	13	2	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	14	1	14	15	3	13	0	521	1519	1818	2148	2448	2727	2994	3165	3292	3333	14	14	1	15	13	3	C
A	14	1	13	15	3	12	0	1734	7324	5779	6575	7410	8215	8994	9501	9876	10000	14	13	1	15	12	3	C
A	14	2	13	15	4	12	0	486	3987	5654	6574	7410	8215	8994	9501	9876	10000	14	13	2	15	12	4	C
A	14	2	12	15	4	11	0	554	14569	14552	13567	15026	16532	18030	19019	19755	20000	14	12	2	15	11	4	C
A	14	3	12	15	5	11	0	314	4728	10956	13524	15026	16532	18030	19019	19755	20000	14	12	3	15	11	5	C
A	14	3	11	15	5	10	0	315	6898	33259	24364	25583	27818	30161	31744	32936	33333	14	11	3	15	10	5	C
A	14	4	11	15	6	10	0	213	3686	13789	23009	25563	27817	30161	31744	32936	33333	14	11	4	15	10	6	C
A	14	4	10	15	6	9	0	213	3793	23841	49338	39867	42350	45506	47727	49428	50000	14	10	4	15	9	6	C
A	14	5	10	15	7	9	0	154	2688	11954	31748	39311	42342	45506	47727	49428	50000	14	10	5	15	9	7	C
A	14	5	9	15	7	8	0	154	2691	12797	70488	65057	60751	64298	67068	69256	70000	14	9	5	15	8	7	C
A	14	6	9	15	8	8	0	116	2013	9121	32222	54217	60549	64296	67068	69256	70000	14	9	6	15	8	8	C
A	14	6	8	15	8	7	0	116	2013	9154	40866	115037	86438	87023	89971	92466	93333	14	8	6	15	7	8	C
A	14	7	8	15	9	7	0	89	1539	6946	26209	60246	81767	86986	89970	92466	93333	14	8	7	15	7	9	C
A	14	7	7	15	9	6	0	89	1539	6947	26716	92293	144686	115014	116860	119157	120000	14	7	7	15	6	9	C
A	14	8	7	15	10	6	0	68	1183	5326	20094	52130	96693	114060	116850	119157	120000	14	7	8	15	6	10	C
A	14	8	6	15	10	5	0	68	1183	5327	20115	55160	173712	160384	148779	149553	150000	14	6	8	15	5	10	C
A	14	9	6	15	11	5	0	52	902	4057	15234	40031	89771	141345	148443	149552	150000	14	6	9	15	5	11	C
A	14	9	5	15	11	4	0	52	902	4057	15235	40161	103799	256803	191877	184205	183333	14	5	9	15	4	11	C
A	14	10	5	15	12	4	0	39	671	3015	11291	29551	68979	146422	183110	184182	183333	14	5	10	15	4	12	C
A	14	10	4	15	12	3	0	39	671	3015	11291	29555	69650	212952	297060	225096	220000	14	4	10	15	3	12	C
A	14	11	4	15	13	3	0	27	474	2127	7955	20761	48418	115715	197563	223780	220000	14	4	11	15	3	13	C
A	14	11	3	15	13	2	0	27	474	2127	7955	20761	48441	121141	328538	298169	260000	14	3	11	15	2	13	C
A	14	12	3	15	14	2	0	17	300	1347	5036	13126	30529	74021	153093	255723	260000	14	3	12	15	2	14	C
A	14	12	2	15	14	1	0	17	300	1347	5036	13126	30530	74172	169472	473958	303333	14	2	12	15	1	14	C
A	14	13	2	15	15	1	0	8	144	645	2412	6282	14596	35351	76049	193337	303333	14	2	13	15	1	15	C
A	14	13	1	15	15	0	0	8	144	645	2412	6282	14596	35353	76367	266875	700000	14	1	13	15	0	15	C
												$\Delta\tau$ = 4												
B	14	0	14	15	3	13	0	14170	14906	9029	6117	4885	4191	3740	3516	3376	3333	14	14	0	15	13	3	B
B	14	1	13	15	4	12	0	2905	33698	27433	18545	14711	12584	11218	10546	10127	10000	14	13	1	15	12	4	B
B	14	2	12	15	5	11	0	484	17936	48126	37354	29512	25173	22422	21081	20250	20000	14	12	2	15	11	5	B
B	14	3	11	15	6	10	0	168	3973	36217	60191	49188	41903	37314	35102	33741	33333	14	11	3	15	10	6	B
B	14	4	10	15	7	9	0	74	1394	10260	66446	72488	62583	55804	52564	50589	50000	14	10	4	15	9	7	B
B	14	5	9	15	8	8	0	37	671	3477	30556	87959	86399	77686	73374	70770	70000	14	9	5	15	8	8	B
B	14	6	8	15	9	7	0	19	350	1712	9099	58421	107509	102410	97329	94238	93333	14	8	6	15	7	9	B
B	14	7	7	15	10	6	0	10	188	909	4007	18322	94050	127697	123951	120891	120000	14	7	7	15	6	10	B
B	14	8	6	15	11	5	0	6	101	487	2082	6816	36188	137915	151719	150494	150000	14	6	8	15	5	11	B
B	14	9	5	15	12	4	0	3	53	254	1072	3308	10995	83404	171231	182399	183333	14	5	9	15	4	12	B
B	14	10	4	15	13	3	0	1	26	123	516	1564	4564	22421	129780	213692	220000	14	4	10	15	3	13	B
B	14	11	3	15	14	2	0	1	11	51	213	639	1818	6347	34898	214840	260000	14	3	11	15	2	14	B
B	14	12	2	15	15	1	0	0	3	14	60	179	502	1653	5671	78433	303333	14	2	12	15	1	15	B
												$\Delta\tau$ = 5												
C	14	0	14	15	3	12	0	12596	2406	461	143	55	20	5	1	0	0	14	14	0	15	12	3	A
C	14	1	14	15	4	12	0	796	1208	450	143	55	20	5	1	0	0	14	14	1	15	12	4	A
C	14	1	13	15	4	11	0	2828	18675	2883	685	254	91	24	5	0	0	14	13	1	15	11	4	A
C	14	2	13	15	5	11	0	413	2979	2099	683	254	91	24	5	0	0	14	13	2	15	11	5	A
C	14	2	12	15	5	10	0	472	15605	15899	2209	754	264	68	15	1	0	14	12	2	15	10	5	A
C	14	3	12	15	6	10	0	163	2393	4466	2073	754	264	68	15	1	0	14	12	3	15	10	6	A
C	14	3	11	15	6	9	0	164	3581	25674	7851	1864	628	159	35	2	0	14	11	3	15	9	6	A
C	14	4	11	15	7	9	0	72	1219	4367	4549	1835	627	159	35	2	0	14	11	4	15	9	7	A
C	14	4	10	15	7	8	0	72	1255	8220	25774	4748	1345	332	72	4	0	14	10	4	15	8	7	A
C	14	5	10	15	8	8	0	36	603	2595	6022	3830	1340	332	72	4	0	14	10	5	15	8	8	A
C	14	5	9	15	8	7	0	36	604	2789	19151	15861	2837	653	141	8	0	14	9	5	15	7	8	A
C	14	6	9	15	9	7	0	19	315	1366	4543	5858	2661	653	141	8	0	14	9	6	15	7	9	A
C	14	6	8	15	9	6	0	19	315	1371	5957	24720	7703	1258	265	15	0	14	8	6	15	6	9	A
C	14	7	8	15	10	6	0	10	169	728	2560	5341	4478	1246	265	15	0	14	8	7	15	6	10	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 14 7 7 15 10 5	0	10	169	728	2613	9220	20234	2638	498	28	0	14 7 7 15 5 10 A
C 14 8 7 15 11 5	0	5	91	390	1353	3219	4947	2265	497	28	0	14 7 8 15 5 11 A
C 14 8 6 15 11 4	0	5	91	390	1355	3431	12392	7900	980	53	0	14 6 8 15 4 11 A
C 14 9 6 15 12 4	0	3	48	203	697	1652	3266	3232	929	53	0	14 6 9 15 4 12 A
C 14 9 5 15 12 3	0	3	48	203	697	1658	3888	13290	2662	105	0	14 5 9 15 3 12 A
C 14 10 5 15 13 3	0	1	23	99	335	783	1586	2640	1514	105	0	14 5 10 15 3 13 A
C 14 10 4 15 13 2	0	1	23	99	335	783	1604	4510	7427	252	0	14 4 10 15 2 13 A
C 14 11 4 15 14 2	0	1	10	41	138	320	637	1208	1399	212	0	14 4 11 15 2 14 A
C 14 11 3 15 14 1	0	1	10	41	138	320	637	1277	3411	1077	0	14 3 11 15 1 14 A
C 14 12 3 15 15 1	0	0	3	12	39	89	176	330	500	271	0	14 3 12 15 1 15 A
C 14 12 2 15 15 0	0	0	3	12	39	89	176	331	569	1575	0	14 2 12 15 0 15 A
						$\Delta\tau$ = 6						
B 14 1 14 15 4 11	0	813	801	73	12	4	1	0	0	0	0	14 14 1 15 11 4 B
B 14 2 13 15 5 10	0	424	3120	1035	94	26	8	2	0	0	0	14 13 2 15 10 5 B
B 14 3 12 15 6 9	0	167	2646	4682	611	112	32	7	1	0	0	14 12 3 15 9 6 B
B 14 4 11 15 7 8	0	74	1353	5350	3830	459	108	23	5	0	0	14 11 4 15 8 7 B
B 14 5 10 15 8 7	0	37	670	3233	8380	2516	344	69	14	1	0	14 10 5 15 7 8 B
B 14 6 9 15 9 6	0	19	350	1705	6889	8914	1429	194	38	2	0	14 9 6 15 6 9 B
B 14 7 8 15 10 5	0	10	188	909	3924	10257	6880	605	104	6	0	14 8 7 15 5 10 B
B 14 8 7 15 11 4	0	6	101	487	2079	6386	12699	2879	306	16	0	14 7 8 15 4 11 B
B 14 9 6 15 12 3	0	3	53	254	1071	3296	9174	11212	1317	48	0	14 6 9 15 3 12 B
B 14 10 5 15 13 2	0	1	26	123	516	1564	4512	12564	7498	191	0	14 5 10 15 2 13 B
B 14 11 4 15 14 1	0	1	11	51	213	639	1817	5997	12744	1558	0	14 4 11 15 1 14 B
B 14 12 3 15 15 0	0	0	3	14	60	179	502	1649	4963	8028	0	14 3 12 15 0 15 B
						$\Delta\tau$ = 7						
A 14 0 14 15 4 11	0	14	80	15	4	2	1	0	0	0	0	14 14 0 15 11 4 C
A 14 1 14 15 5 11	0	0	11	11	4	2	1	0	0	0	0	14 14 1 15 11 5 C
A 14 1 13 15 5 10	0	2	274	206	33	13	5	1	0	0	0	14 13 1 15 10 5 C
A 14 2 13 15 6 10	0	0	19	55	31	13	5	1	0	0	0	14 13 2 15 10 6 C
A 14 2 12 15 6 9	0	0	104	875	214	56	21	6	1	0	0	14 12 2 15 9 6 C
A 14 3 12 15 7 9	0	0	10	91	122	55	21	6	1	0	0	14 12 3 15 9 7 C
A 14 3 11 15 7 8	0	0	15	601	1321	230	70	19	4	0	0	14 11 3 15 8 7 C
A 14 4 11 15 8 8	0	0	3	61	262	185	70	19	4	0	0	14 11 4 15 8 8 C
A 14 4 10 15 8 7	0	0	3	115	2394	1254	224	55	12	1	0	14 10 4 15 7 8 C
A 14 5 10 15 9 7	0	0	1	25	257	436	210	55	12	1	0	14 10 5 15 7 9 C
A 14 5 9 15 9 6	0	0	1	26	870	4118	929	155	34	2	0	14 9 5 15 6 9 C
A 14 6 9 15 10 6	0	0	0	9	132	551	530	154	34	2	0	14 9 6 15 6 10 C
A 14 6 8 15 10 5	0	0	0	9	174	2835	4368	484	94	5	0	14 8 6 15 5 10 C
A 14 7 8 15 11 5	0	0	0	3	51	346	849	414	93	5	0	14 8 7 15 5 11 C
A 14 7 7 15 11 4	0	0	0	3	52	606	6185	2299	276	15	0	14 7 7 15 4 11 C
A 14 8 7 15 12 4	0	0	0	1	18	137	662	891	261	15	0	14 7 8 15 4 12 C
A 14 8 6 15 12 3	0	0	0	1	18	146	1762	8345	1186	47	0	14 6 8 15 3 12 C
A 14 9 6 15 13 3	0	0	0	0	6	45	270	1014	663	47	0	14 6 9 15 3 13 C
A 14 9 5 15 13 2	0	0	0	0	6	45	323	5461	6598	186	0	14 5 9 15 2 13 C
A 14 10 5 15 14 2	0	0	0	0	2	12	74	469	948	156	0	14 5 10 15 2 14 C
A 14 10 4 15 14 1	0	0	0	0	2	12	75	819	8189	1517	0	14 4 10 15 1 14 C
A 14 11 4 15 15 1	0	0	0	0	0	2	13	89	397	363	0	14 4 11 15 1 15 C
A 14 11 3 15 15 0	0	0	0	0	0	2	13	94	1023	7320	0	14 3 11 15 0 15 C
						$\Delta\tau$ = 8						
B 14 0 14 15 5 11	0	12	113	53	12	4	1	0	0	0	0	14 14 0 15 11 5 B
B 14 1 13 15 6 10	0	1	166	273	88	26	8	2	0	0	0	14 13 1 15 10 6 B
B 14 2 12 15 7 9	0	0	39	424	349	110	32	7	1	0	0	14 12 2 15 9 7 B
B 14 3 11 15 8 8	0	0	4	169	732	369	107	23	5	0	0	14 11 3 15 8 8 B
B 14 4 10 15 9 7	0	0	1	22	594	865	322	69	14	1	0	14 10 4 15 7 9 B
B 14 5 9 15 10 6	0	0	0	3	136	1006	813	192	38	2	0	14 9 5 15 6 10 B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	14	6	8	15	11	5	0	0	0	1	18	378	1262	518	104	6	0	14	8	6	15	5	11	B
B	14	7	7	15	12	4	0	0	0	0	4	52	753	1106	290	16	0	14	7	7	15	4	12	B
B	14	8	6	15	13	3	0	0	0	0	1	8	122	1163	735	48	0	14	6	8	15	3	13	B
B	14	9	5	15	14	2	0	0	0	0	0	1	12	315	1020	160	0	14	5	9	15	2	14	B
B	14	10	4	15	15	1	0	0	0	0	0	0	1	19	311	371	0	14	4	10	15	1	15	B
												Δτ = 9												
C	14	0	14	15	5	10	0	12	96	17	1	0	0	0	0	0	0	14	14	0	15	10	5	A
C	14	1	14	15	6	10	0	0	6	4	1	0	0	0	0	0	0	14	14	1	15	10	6	A
C	14	1	13	15	6	9	0	1	149	184	11	1	0	0	0	0	0	14	13	1	15	9	6	A
C	14	2	13	15	7	9	0	0	6	18	6	1	0	0	0	0	0	14	13	2	15	9	7	A
C	14	2	12	15	7	8	0	0	35	334	125	7	1	0	0	0	0	14	12	2	15	8	7	A
C	14	3	12	15	8	8	0	0	2	20	24	6	1	0	0	0	0	14	12	3	15	8	8	A
C	14	3	11	15	8	7	0	0	3	135	435	61	3	0	0	0	0	14	11	3	15	7	8	A
C	14	4	11	15	9	7	0	0	1	9	39	21	3	0	0	0	0	14	11	4	15	7	9	A
C	14	4	10	15	9	6	0	0	1	17	383	333	21	1	0	0	0	14	10	4	15	6	9	A
C	14	5	10	15	10	6	0	0	0	3	26	41	12	1	0	0	0	14	10	5	15	6	10	A
C	14	5	9	15	10	5	0	0	0	3	88	489	155	4	0	0	0	14	9	5	15	5	10	A
C	14	6	9	15	11	5	0	0	0	1	9	36	29	3	0	0	0	14	9	6	15	5	11	A
C	14	6	8	15	11	4	0	0	0	1	12	189	403	27	1	0	0	14	8	6	15	4	11	A
C	14	7	8	15	12	4	0	0	0	0	2	15	33	10	1	0	0	14	8	7	15	4	12	A
C	14	7	7	15	12	3	0	0	0	0	2	26	262	156	4	0	0	14	7	7	15	3	12	A
C	14	8	7	15	13	3	0	0	0	0	1	4	16	18	2	0	0	14	7	8	15	3	13	A
C	14	8	6	15	13	2	0	0	0	0	1	4	43	225	37	0	0	14	6	8	15	2	13	A
C	14	9	6	15	14	2	0	0	0	0	0	1	4	11	5	0	0	14	6	9	15	2	14	A
C	14	9	5	15	14	1	0	0	0	0	0	1	4	63	94	1	0	14	5	9	15	1	14	A
C	14	10	5	15	15	1	0	0	0	0	0	0	0	2	3	0	0	14	5	10	15	1	15	A
C	14	10	4	15	15	0	0	0	0	0	0	0	0	4	31	7	0	14	4	10	15	0	15	A
												Δτ = 10												
B	14	1	14	15	6	9	0	0	6	5	0	0	0	0	0	0	0	14	14	1	15	9	6	B
B	14	2	13	15	7	8	0	0	7	22	5	0	0	0	0	0	0	14	13	2	15	8	7	B
B	14	3	12	15	8	7	0	0	2	25	34	4	0	0	0	0	0	14	12	3	15	7	8	B
B	14	4	11	15	9	6	0	0	1	12	59	32	2	0	0	0	0	14	11	4	15	6	9	B
B	14	5	10	15	10	5	0	0	0	3	40	80	19	0	0	0	0	14	10	5	15	5	10	B
B	14	6	9	15	11	4	0	0	0	1	14	72	76	4	0	0	0	14	9	6	15	4	11	B
B	14	7	8	15	12	3	0	0	0	0	4	29	94	36	1	0	0	14	8	7	15	3	12	B
B	14	8	7	15	13	2	0	0	0	0	1	7	46	85	12	0	0	14	7	8	15	2	13	B
B	14	9	6	15	14	1	0	0	0	0	0	1	10	57	47	0	0	14	6	9	15	1	14	B
B	14	10	5	15	15	0	0	0	0	0	0	0	1	11	33	5	0	14	5	10	15	0	15	B
												Δτ = 11												
A	14	0	14	15	6	9	0	0	1	1	0	0	0	0	0	0	0	14	14	0	15	9	6	C
A	14	1	13	15	7	8	0	0	1	4	2	0	0	0	0	0	0	14	13	1	15	8	7	C
A	14	2	12	15	8	7	0	0	0	5	12	2	0	0	0	0	0	14	12	2	15	7	8	C
A	14	3	12	15	9	7	0	0	0	0	1	1	0	0	0	0	0	14	12	3	15	7	9	C
A	14	3	11	15	9	6	0	0	0	1	20	16	1	0	0	0	0	14	11	3	15	6	9	C
A	14	4	11	15	10	6	0	0	0	0	1	2	1	0	0	0	0	14	11	4	15	6	10	C
A	14	4	10	15	10	5	0	0	0	0	11	40	12	0	0	0	0	14	10	4	15	5	10	C
A	14	5	10	15	11	5	0	0	0	0	1	3	2	0	0	0	0	14	10	5	15	5	11	C
A	14	5	9	15	11	4	0	0	0	0	2	33	50	3	0	0	0	14	9	5	15	4	11	C
A	14	6	9	15	12	4	0	0	0	0	0	2	4	1	0	0	0	14	9	6	15	4	12	C
A	14	6	8	15	12	3	0	0	0	0	0	8	59	29	1	0	0	14	8	6	15	3	12	C
A	14	7	8	15	13	3	0	0	0	0	0	0	3	3	0	0	0	14	8	7	15	3	13	C
A	14	7	7	15	13	2	0	0	0	0	0	1	22	67	10	0	0	14	7	7	15	2	13	C
A	14	8	7	15	14	2	0	0	0	0	0	0	1	3	1	0	0	14	7	8	15	2	14	C
A	14	8	6	15	14	1	0	0	0	0	0	0	2	42	43	0	0	14	6	8	15	1	14	C
A	14	9	6	15	15	1	0	0	0	0	0	0	0	1	1	0	0	14	6	9	15	1	15	C

												κ												
	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	14	9	5	15	15	0	0	0	0	0	0	0	0	5	29	5	0	14	5	9	15	0	15	C
												Δτ = 12												
B	14	1	13	15	8	8	0	0	0	1	1	0	0	0	0	0	0	14	13	1	15	8	8	B
B	14	2	12	15	9	7	0	0	0	1	3	1	0	0	0	0	0	14	12	2	15	7	9	B
B	14	3	11	15	10	6	0	0	0	0	3	4	1	0	0	0	0	14	11	3	15	6	10	B
B	14	4	10	15	11	5	0	0	0	0	1	5	4	0	0	0	0	14	10	4	15	5	11	B
B	14	5	9	15	12	4	0	0	0	0	0	3	6	2	0	0	0	14	9	5	15	4	12	B
B	14	6	8	15	13	3	0	0	0	0	0	0	4	4	0	0	0	14	8	6	15	3	13	B
B	14	7	7	15	14	2	0	0	0	0	0	0	1	4	2	0	0	14	7	7	15	2	14	B
B	14	8	6	15	15	1	0	0	0	0	0	0	0	1	2	0	0	14	6	8	15	1	15	B
												Δτ = 13												
C	14	1	13	15	8	7	0	0	0	1	1	0	0	0	0	0	0	14	13	1	15	7	8	A
C	14	2	12	15	9	6	0	0	0	1	2	0	0	0	0	0	0	14	12	2	15	6	9	A
C	14	3	11	15	10	5	0	0	0	0	2	2	0	0	0	0	0	14	11	3	15	5	10	A
C	14	4	10	15	11	4	0	0	0	0	1	3	1	0	0	0	0	14	10	4	15	4	11	A
C	14	5	9	15	12	3	0	0	0	0	0	1	2	0	0	0	0	14	9	5	15	3	12	A
C	14	6	8	15	13	2	0	0	0	0	0	0	1	1	0	0	0	14	8	6	15	2	13	A
C	14	7	7	15	14	1	0	0	0	0	0	0	0	1	0	0	0	14	7	7	15	1	14	A
J=15			ΔJ = 0																					
												Δτ = 1												
A	15	8	8	15	8	7	826667	826219	818877	791064	681800	431863	371662	476047	537995	580524	594167	15	8	8	15	7	8	C
C	15	8	7	15	9	7	542500	531682	498156	450291	367844	292077	418554	583101	622268	632308	632917	15	7	8	15	7	9	A
A	15	9	7	15	9	6	1046250	1045915	1040427	1019879	944071	748587	445768	482799	566263	621783	639375	15	7	9	15	6	9	C
C	15	9	6	15	10	6	484375	475738	449047	411305	348214	272596	238357	389084	449788	464142	465000	15	6	9	15	6	10	A
A	15	10	6	15	10	5	1291667	1291414	1287290	1271927	1216596	1086396	756191	488473	578048	654478	678125	15	6	10	15	5	10	C
C	15	10	5	15	11	5	419792	412948	391835	362121	313180	256254	188686	212661	299124	321631	322917	15	5	10	15	5	11	A
A	15	11	5	15	11	4	1562917	1562729	1559661	1548264	1507665	1415777	1197387	673111	571890	676315	710417	15	5	11	15	4	11	C
C	15	11	4	15	12	4	348750	343465	327172	304298	266885	224712	172664	122357	165779	204529	206667	15	4	11	15	4	12	A
A	15	12	4	15	12	3	1860000	1859865	1857654	1849456	1820408	1755739	1610882	1191700	680285	682075	736250	15	4	12	15	3	12	C
C	15	12	3	15	13	3	271250	267378	255449	238721	211453	180623	144185	97380	78385	111848	116250	15	3	12	15	3	13	A
A	15	13	3	15	13	2	2182917	2182826	2181340	2175833	2156378	2113409	2019328	1769248	1213778	706346	755625	15	3	13	15	2	13	C
C	15	13	2	15	14	2	187292	184748	176912	165932	148061	127933	104366	74512	48056	44484	51667	15	2	13	15	2	14	A
A	15	14	2	15	14	1	2531667	2531614	2530762	2527605	2516468	2491968	2438861	2302834	2011984	1124379	768542	15	2	14	15	1	14	C
C	15	14	1	15	15	1	96875	95613	91726	86280	77423	67463	55841	41266	27946	14636	12917	15	1	14	15	1	15	A
A	15	15	1	15	15	0	2906250	2906233	2905952	2904910	2901238	2893171	2875743	2831571	2741021	2352157	1550000	15	1	15	15	0	15	C
												Δτ = 2												
B	15	7	8	15	8	7	594167	607929	652405	721384	877212	1215486	877212	721384	652405	607929	594167	15	8	7	15	7	8	B
B	15	8	8	15	9	7	542500	553432	588816	643503	748098	859958	838995	721110	652404	607929	594167	15	8	8	15	7	9	B
B	15	8	7	15	9	6	542500	553432	588816	643513	750164	979460	1143074	805140	714097	657064	639375	15	7	8	15	6	9	B
B	15	9	7	15	10	6	484375	493112	521421	565154	649175	766202	868622	799278	714039	657064	639375	15	7	9	15	6	10	B
B	15	9	6	15	10	5	484375	493112	521421	565154	649271	774572	1124706	951984	778089	701738	678125	15	6	9	15	5	10	B
B	15	10	6	15	11	5	419792	426717	449174	483866	550336	645352	784485	856859	776451	701737	678125	15	6	10	15	5	11	B
B	15	10	5	15	11	4	419792	426717	449174	483866	550340	645746	817804	1213404	868493	743948	710417	15	5	10	15	4	11	B
B	15	11	5	15	12	4	348750	354101	371458	398277	449591	522745	638831	813948	832352	743854	710417	15	5	11	15	4	12	B
B	15	11	4	15	12	3	348750	354101	371458	398277	449591	522760	640317	971186	1134252	790255	736250	15	4	11	15	3	12	B
B	15	12	4	15	13	3	271250	275170	287891	307551	345147	398622	483698	646814	807459	785751	736250	15	4	12	15	3	13	B
B	15	12	3	15	13	2	271250	275170	287891	307551	345147	398623	483751	656869	1100693	916717	755625	15	3	12	15	2	13	B
B	15	13	3	15	14	2	187292	189868	198228	211150	235859	270972	326724	436628	607716	791766	755625	15	3	13	15	2	14	B
B	15	13	2	15	14	1	187292	189868	198228	211150	235859	270972	326725	436910	637741	1252565	768542	15	2	13	15	1	14	B
B	15	14	2	15	15	1	96875	98153	102302	108715	120979	138403	166049	220584	312098	552457	768542	15	2	14	15	1	15	B
B	15	14	1	15	15	0	96875	98153	102302	108715	120979	138403	166049	220589	312631	694970	1550000	15	1	14	15	0	15	B
												Δτ = 3												
A	15	7	8	15	9	7	0	63	1087	4952	20065	101690	342876	475788	537994	580524	594167	15	8	7	15	7	9	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	15	8	8	15	9	6	542500	531682	498156	450282	366151	220780	42700	7719	1677	96	0	15	8	8	15	6	9	A
A	15	8	7	15	10	6	0	40	699	3171	12291	38999	212553	477337	566206	621783	639375	15	7	8	15	6	10	C
C	15	9	7	15	10	5	484375	475738	449047	411305	348134	267239	113143	13172	2617	150	0	15	7	9	15	5	10	A
A	15	9	6	15	11	5	0	25	438	1980	7594	21052	75799	403264	576404	654476	678125	15	6	9	15	5	11	C
C	15	10	6	15	11	4	419792	412948	391835	362121	313177	255981	174009	33321	4316	239	0	15	6	10	15	4	11	A
A	15	10	5	15	12	4	0	15	260	1176	4480	12183	31962	188468	536228	676220	710417	15	5	10	15	4	12	C
C	15	11	5	15	12	3	348750	343465	327172	304298	266885	224201	171899	80280	9870	407	0	15	5	11	15	3	12	A
A	15	11	4	15	13	3	0	8	141	637	2419	6514	16269	56103	322265	677456	736250	15	4	11	15	3	13	C
C	15	12	4	15	13	2	271250	267378	255449	238721	211453	180622	144156	94478	30322	838	0	15	4	12	15	2	13	A
A	15	12	3	15	14	2	0	4	65	291	1102	2950	7260	20359	82043	576278	755625	15	3	12	15	2	14	C
C	15	13	3	15	14	1	187292	184748	176912	165932	148061	127933	104366	74415	43697	3191	0	15	3	13	15	1	14	A
A	15	13	2	15	15	1	0	1	20	90	339	902	2198	5961	16297	177594	768542	15	2	13	15	1	15	C
C	15	14	2	15	15	0	96875	95613	91726	86280	77423	67463	55841	41265	27847	8716	0	15	2	14	15	0	15	A
												Δτ = 5												
A	15	7	9	15	9	6	0	63	1087	4949	18757	29543	6687	1181	263	16	0	15	9	7	15	6	9	C
C	15	7	8	15	10	6	0	7	120	525	2060	10624	23180	7644	1677	96	0	15	8	7	15	6	10	A
A	15	8	8	15	10	5	0	40	699	3170	12244	30972	25767	2994	592	35	0	15	8	8	15	5	10	C
C	15	8	7	15	11	5	0	3	54	234	850	2620	13470	11217	2610	150	0	15	7	8	15	5	11	A
A	15	9	7	15	11	4	0	25	438	1980	7593	20710	41237	11745	1456	81	0	15	7	9	15	4	11	C
C	15	9	6	15	12	4	0	1	23	100	353	907	3137	11536	4083	239	0	15	6	9	15	4	12	A
A	15	10	6	15	12	3	0	15	260	1176	4480	12172	29911	38599	5275	212	0	15	6	10	15	3	12	C
C	15	10	5	15	13	3	0	1	9	39	134	330	783	4119	5346	405	0	15	5	10	15	3	13	A
A	15	11	5	15	13	2	0	8	141	637	2419	6514	16212	40002	25561	719	0	15	5	11	15	2	13	C
C	15	11	4	15	14	2	0	0	3	12	42	102	221	646	2809	700	0	15	4	11	15	2	14	A
A	15	12	4	15	14	1	0	4	65	291	1102	2950	7258	19874	38921	5066	0	15	4	12	15	1	14	C
C	15	12	3	15	15	1	0	0	1	2	9	20	42	95	300	709	0	15	3	12	15	1	15	A
A	15	13	3	15	15	0	0	1	20	90	339	902	2198	5955	15115	22810	0	15	3	13	15	0	15	C
												Δτ = 6												
B	15	6	9	15	9	6	0	16	293	1477	10298	47246	10298	1477	293	16	0	15	9	6	15	6	9	B
B	15	7	9	15	10	6	0	7	133	656	2974	7424	5896	1463	293	16	0	15	9	7	15	6	10	B
B	15	7	8	15	10	5	0	7	133	656	3174	21021	37269	3747	658	36	0	15	8	7	15	5	10	B
B	15	8	8	15	11	5	0	3	60	292	1303	4226	7611	3211	657	36	0	15	8	8	15	5	11	B
B	15	8	7	15	11	4	0	3	60	292	1308	5251	36116	14623	1618	83	0	15	7	8	15	4	11	B
B	15	9	7	15	12	4	0	1	26	125	542	1787	5156	5702	1533	83	0	15	7	9	15	4	12	B
B	15	9	6	15	12	3	0	1	26	125	543	1816	8968	41854	5863	217	0	15	6	9	15	3	12	B
B	15	10	6	15	13	3	0	1	10	48	206	660	2102	5502	3281	216	0	15	6	10	15	3	13	B
B	15	10	5	15	13	2	0	1	10	48	206	661	2240	20180	27271	738	0	15	5	10	15	2	13	B
B	15	11	5	15	14	2	0	0	3	15	65	203	630	2351	4005	618	0	15	5	11	15	2	14	B
B	15	11	4	15	14	1	0	0	3	15	65	203	632	3235	26308	5187	0	15	4	11	15	1	14	B
B	15	12	4	15	15	1	0	0	1	3	13	40	121	463	1503	1241	0	15	4	12	15	1	15	B
B	15	12	3	15	15	0	0	0	1	3	13	40	121	474	3001	21283	0	15	3	12	15	0	15	B
												Δτ = 7												
A	15	6	9	15	10	6	0	0	0	8	196	2849	3793	1170	263	16	0	15	9	6	15	6	10	C
C	15	7	9	15	10	5	0	7	120	525	1930	3592	1120	28	1	0	0	15	9	7	15	5	10	A
A	15	7	8	15	11	5	0	0	0	2	41	697	4502	2563	591	35	0	15	8	7	15	5	11	C
C	15	8	8	15	11	4	0	3	54	234	847	2104	2421	164	4	0	0	15	8	8	15	4	11	A
A	15	8	7	15	12	4	0	0	0	1	11	112	1842	4482	1379	81	0	15	7	8	15	4	12	C
C	15	9	7	15	12	3	0	1	23	100	353	893	1787	801	22	0	0	15	7	9	15	3	12	A
A	15	9	6	15	13	3	0	0	0	0	3	25	262	3702	2940	211	0	15	6	9	15	3	13	C
C	15	10	6	15	13	2	0	1	9	39	134	330	735	1059	164	0	0	15	6	10	15	2	13	A
A	15	10	5	15	14	2	0	0	0	0	1	5	37	743	3401	602	0	15	5	10	15	2	14	C
C	15	11	5	15	14	1	0	0	3	12	42	102	220	469	369	3	0	15	5	11	15	1	14	A
A	15	11	4	15	15	1	0	0	0	0	0	1	4	48	808	1205	0	15	4	11	15	1	15	C
C	15	12	4	15	15	0	0	0	1	2	9	20	42	93	150	23	0	15	4	12	15	0	15	A
												Δτ = 9												

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	15	6	10	15	10	5	0	0	0	8	112	341	113	3	0	0	0	15	10	6	15	5	10	C
C	15	6	9	15	11	5	0	0	0	1	13	186	210	24	1	0	0	15	9	6	15	5	11	A
A	15	7	9	15	11	4	0	0	0	2	38	241	359	25	1	0	0	15	9	7	15	4	11	C
C	15	7	8	15	12	4	0	0	0	0	2	30	176	63	4	0	0	15	8	7	15	4	12	A
A	15	8	8	15	12	3	0	0	0	1	11	90	356	178	5	0	0	15	8	8	15	3	12	C
C	15	8	7	15	13	3	0	0	0	0	0	3	44	89	12	0	0	15	7	8	15	3	13	A
A	15	9	7	15	13	2	0	0	0	0	3	24	150	347	55	0	0	15	7	9	15	2	13	C
C	15	9	6	15	14	2	0	0	0	0	0	0	4	41	23	0	0	15	6	9	15	2	14	A
A	15	10	6	15	14	1	0	0	0	0	1	5	34	196	190	1	0	15	6	10	15	1	14	C
C	15	10	5	15	15	1	0	0	0	0	0	0	0	3	12	1	0	15	5	10	15	1	15	A
A	15	11	5	15	15	0	0	0	0	0	0	1	4	35	114	20	0	15	5	11	15	0	15	C
												Δτ = 10												
B	15	5	10	15	10	5	0	0	0	4	174	662	174	4	0	0	0	15	10	5	15	5	10	B
B	15	6	10	15	11	5	0	0	0	1	12	46	33	3	0	0	0	15	10	6	15	5	11	B
B	15	6	9	15	11	4	0	0	0	1	21	371	548	31	1	0	0	15	9	6	15	4	11	B
B	15	7	9	15	12	4	0	0	0	0	3	21	44	12	1	0	0	15	9	7	15	4	12	B
B	15	7	8	15	12	3	0	0	0	0	3	59	500	223	5	0	0	15	8	7	15	3	12	B
B	15	8	8	15	13	3	0	0	0	0	1	5	25	25	3	0	0	15	8	8	15	3	13	B
B	15	8	7	15	13	2	0	0	0	0	1	6	127	428	61	0	0	15	7	8	15	2	13	B
B	15	9	7	15	14	2	0	0	0	0	0	1	6	20	9	0	0	15	7	9	15	2	14	B
B	15	9	6	15	14	1	0	0	0	0	0	1	10	207	211	2	0	15	6	9	15	1	14	B
B	15	10	6	15	15	1	0	0	0	0	0	0	1	5	7	0	0	15	6	10	15	1	15	B
B	15	10	5	15	15	0	0	0	0	0	0	0	1	17	120	20	0	15	5	10	15	0	15	B
												Δτ = 11												
A	15	5	10	15	11	5	0	0	0	0	2	22	21	3	0	0	0	15	10	5	15	5	11	C
C	15	6	10	15	11	4	0	0	0	1	8	23	10	0	0	0	0	15	10	6	15	4	11	A
A	15	6	9	15	12	4	0	0	0	0	0	8	28	10	1	0	0	15	9	6	15	4	12	C
C	15	7	9	15	12	3	0	0	0	0	2	10	15	2	0	0	0	15	9	7	15	3	12	A
A	15	7	8	15	13	3	0	0	0	0	0	1	15	20	3	0	0	15	8	7	15	3	13	C
C	15	8	8	15	13	2	0	0	0	0	0	2	9	5	0	0	0	15	8	8	15	2	13	A
A	15	8	7	15	14	2	0	0	0	0	0	0	2	16	8	0	0	15	7	8	15	2	14	C
C	15	9	7	15	14	1	0	0	0	0	0	0	2	4	1	0	0	15	7	9	15	1	14	A
A	15	9	6	15	15	1	0	0	0	0	0	0	0	3	7	0	0	15	6	9	15	1	15	C
C	15	10	6	15	15	0	0	0	0	0	0	0	0	1	1	0	0	15	6	10	15	0	15	A
												Δτ = 13												
A	15	5	11	15	11	4	0	0	0	0	0	1	1	0	0	0	0	15	11	5	15	4	11	C
C	15	5	10	15	12	4	0	0	0	0	0	1	1	0	0	0	0	15	10	5	15	4	12	A
A	15	6	10	15	12	3	0	0	0	0	0	1	2	0	0	0	0	15	10	6	15	3	12	C
C	15	6	9	15	13	3	0	0	0	0	0	0	1	0	0	0	0	15	9	6	15	3	13	A
A	15	7	9	15	13	2	0	0	0	0	0	0	1	1	0	0	0	15	9	7	15	2	13	C
A	15	8	8	15	14	1	0	0	0	0	0	0	0	1	0	0	0	15	8	8	15	1	14	C
												Δτ = 14												
B	15	4	11	15	11	4	0	0	0	0	1	3	1	0	0	0	0	15	11	4	15	4	11	B
B	15	5	10	15	12	3	0	0	0	0	0	2	2	0	0	0	0	15	10	5	15	3	12	B
B	15	6	9	15	13	2	0	0	0	0	0	0	2	1	0	0	0	15	9	6	15	2	13	B
B	15	7	8	15	14	1	0	0	0	0	0	0	1	1	0	0	0	15	8	7	15	1	14	B
J=15			ΔJ = 1																					
												Δτ = 0												
B	15	8	7	16	9	8	937500	924526	881839	813571	670682	475546	520149	705117	792790	846344	862500	15	7	8	16	8	9	B
B	15	9	6	16	10	7	1015625	1005182	970978	916966	808200	634124	452835	585170	701681	770231	790625	15	6	9	16	7	10	B
B	15	10	5	16	11	6	1096875	1088543	1061331	1018678	934561	806504	580496	470316	604060	695382	721875	15	5	10	16	6	11	B
B	15	11	4	16	12	5	1181250	1174746	1153544	1120465	1055991	960774	796132	499762	498386	620003	656250	15	4	11	16	5	12	B
B	15	12	3	16	13	4	1268750	1263877	1248015	1223344	1175596	1106215	991120	736887	480354	540227	593750	15	3	12	16	4	13	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	15	13	2	16	14	3	1359375	1355996	1345006	1327949	1295086	1247774	1170897	1009942	714912	479201	534375	15	2	13	16	3	14	B
B	15	14	1	16	15	2	1453125	1451141	1444693	1434700	1415502	1388012	1343818	1254074	1091312	650959	478125	15	1	14	16	2	15	B
B	15	15	0	16	16	1	1550000	1549342	1547202	1543888	1537526	1528430	1513855	1484529	1432935	1236783	850000	15	0	15	16	1	16	B
												$\Delta\tau$ = 1												
C	15	0	15	16	1	15	850000	436568	264412	226585	207322	199594	195994	194350	193884	193758	193750	15	15	0	16	15	1	A
C	15	1	15	16	2	15	478125	374371	264286	226584	207322	199594	195994	194350	193884	193758	193750	15	15	1	16	15	2	A
C	15	1	14	16	2	14	478125	789381	514982	438393	401227	386293	379336	376160	375258	375015	375000	15	14	1	16	14	2	A
C	15	2	14	16	3	14	534375	576387	505792	438351	401227	386293	379336	376160	375258	375015	375000	15	14	2	16	14	3	A
C	15	2	13	16	3	13	534375	662293	806572	635896	581715	560094	550024	545429	544124	543772	543750	15	13	2	16	13	3	A
C	15	3	13	16	4	13	593750	641630	689842	633871	581711	560094	550024	545429	544124	543772	543750	15	13	3	16	13	4	A
C	15	3	12	16	4	12	593750	645215	903453	846178	748755	720989	708052	702154	700480	700028	700000	15	12	3	16	12	4	A
C	15	4	12	16	5	12	656250	690736	779192	799160	748604	720989	708052	702154	700480	700028	700000	15	12	4	16	12	5	A
C	15	4	11	16	5	11	656250	690822	809082	1033519	904297	868954	853414	846333	844325	843783	843750	15	11	4	16	11	5	A
C	15	5	11	16	6	11	721875	747527	823717	901400	899274	868935	853414	846333	844325	843783	843750	15	11	5	16	11	6	A
C	15	5	10	16	6	10	721875	747528	825335	975803	1081557	1003962	986087	977961	975659	975038	975000	15	10	5	16	10	6	A
C	15	6	10	16	7	10	790625	810523	870734	950908	1018417	1003359	986085	977961	975659	975038	975000	15	10	6	16	10	7	A
C	15	6	9	16	7	9	790625	810523	870800	956825	1176592	1134549	1105999	1097026	1094479	1093792	1093750	15	9	6	16	9	7	A
C	15	7	9	16	8	9	862500	878328	926469	992866	1087762	1118993	1105939	1097026	1094479	1093792	1093750	15	9	7	16	9	8	A
C	15	7	8	16	8	8	862500	878328	926471	993205	1120805	1273087	1213625	1203499	1200779	1200045	1200000	15	8	7	16	8	8	A
C	15	8	8	16	9	8	937500	950243	989128	1042967	1128855	1200210	1211675	1203497	1200779	1200045	1200000	15	8	8	16	8	9	A
C	15	8	7	16	9	7	937500	950243	989128	1042982	1131275	1276103	1325288	1297275	1294547	1293796	1293750	15	7	8	16	7	9	A
C	15	9	7	16	10	7	1015625	1025898	1057321	1100917	1171215	1246642	1295879	1297203	1294547	1293796	1293750	15	7	9	16	7	10	A
C	15	9	6	16	10	6	1015625	1025898	1057321	1100917	1171360	1255101	1396546	1379318	1375738	1375044	1375000	15	6	9	16	6	10	A
C	15	10	6	16	11	6	1096875	1105080	1130225	1165178	1221565	1284509	1349373	1376678	1375734	1375044	1375000	15	6	10	16	6	11	A
C	15	10	5	16	11	5	1096875	1105080	1130225	1165178	1221572	1285075	1373682	1460581	1444234	1443782	1443750	15	5	10	16	5	11	A
C	15	11	5	16	12	5	1181250	1187661	1207332	1234728	1278959	1328408	1385196	1435926	1444020	1443782	1443750	15	5	11	16	5	12	A
C	15	11	4	16	12	4	1181250	1187661	1207332	1234728	1278959	1328438	1387014	1489058	1503515	1499988	1500000	15	4	11	16	4	12	A
C	15	12	4	16	13	4	1268750	1273555	1288317	1308906	1342192	1379398	1422590	1473360	1497252	1499987	1500000	15	4	12	16	4	13	A
C	15	12	3	16	13	3	1268750	1273555	1288317	1308906	1342192	1379399	1422693	1481082	1545333	1543589	1543750	15	3	12	16	3	13	A
C	15	13	3	16	14	3	1359375	1362709	1372959	1387273	1410449	1436373	1466462	1503763	1532546	1543466	1543750	15	3	13	16	3	14	A
C	15	13	2	16	14	2	1359375	1362709	1372959	1387273	1410449	1436373	1466466	1504212	1545593	1575896	1575000	15	2	13	16	2	14	A
C	15	14	2	16	15	2	1453125	1455083	1461106	1469525	1483174	1498458	1516204	1538297	1557859	1573349	1575000	15	2	14	16	2	15	A
C	15	14	1	16	15	1	1453125	1455083	1461106	1469525	1483174	1498458	1516204	1538314	1558632	1589229	1593750	15	1	14	16	1	15	A
C	15	15	1	16	16	1	1550000	1550650	1552649	1555444	1559976	1565052	1570945	1578276	1584877	1592010	1593750	15	1	15	16	1	16	A
C	15	15	0	16	16	0	1550000	1550650	1552649	1555444	1559976	1565052	1570945	1578276	1584897	1593579	1600000	15	0	15	16	0	16	A
												$\Delta\tau$ = 2												
B	15	1	15	16	2	14	478125	104151	14765	8456	5730	4578	3929	3506	3296	3165	3125	15	15	1	16	14	2	B
B	15	2	14	16	3	13	534375	389453	60800	26129	17365	13785	11797	10518	9887	9494	9375	15	14	2	16	13	3	B
B	15	3	13	16	4	12	593750	536518	229675	58458	35084	27658	23602	21025	19767	18985	18750	15	13	3	16	12	4	B
B	15	4	12	16	5	11	656250	619915	466681	157739	59274	46177	39310	35001	32919	31635	31250	15	12	4	16	11	5	B
B	15	5	11	16	6	10	721875	695381	602312	388381	102031	69150	58807	52384	49313	47436	46875	15	11	5	16	10	6	B
B	15	6	10	16	7	9	790625	770231	701609	578493	236697	98178	81773	73037	68884	66371	65625	15	10	6	16	9	7	B
B	15	7	9	16	8	8	862500	846344	792788	704731	480925	168509	107583	96655	91504	88409	87500	15	9	7	16	8	8	B
B	15	8	8	16	9	7	937500	924526	881839	813554	667666	372165	145242	122514	116895	113489	112500	15	8	8	16	7	9	B
B	15	9	7	16	10	6	1015625	1005182	970978	916966	808018	622526	269422	149656	144425	141479	140625	15	7	9	16	6	10	B
B	15	10	6	16	11	5	1096875	1088543	1061331	1018678	934553	805701	542077	199494	172631	172072	171875	15	6	10	16	5	11	B
B	15	11	5	16	12	4	1181250	1174746	1153544	1120465	1055991	960731	793096	383544	205168	204477	206250	15	5	11	16	4	12	B
B	15	12	4	16	13	3	1268750	1263877	1248015	1223344	1175596	1106213	990945	720444	323064	236881	243750	15	4	12	16	3	13	B
B	15	13	3	16	14	2	1359375	1355996	1345006	1327949	1295086	1247774	1170890	1008945	675885	290336	284375	15	3	13	16	2	14	B
B	15	14	2	16	15	1	1453125	1451141	1444693	1434700	1415502	1388012	1343818	1254036	1088893	559248	328125	15	2	14	16	1	15	B
B	15	15	1	16	16	0	1550000	1549342	1547202	1543888	1537526	1528430	1513855	1484529	1432871	1226939	750000	15	1	15	16	0	16	B
												$\Delta\tau$ = 3												
A	15	0	15	16	2	14	0	2173	1494	1701	2011	2293	2556	2806	2967	3086	3125	15	15	0	16	14	2	C
A	15	1	15	16	3	14	0	564	1438	1700	2011	2293	2556	2806	2967	3086	3125	15	15	1	16	14	3	C
A	15	1	14	16	3	13	0	2141	6218	5346	6144	6936	7696	8430	8906	9259	9375	15	14	1	16	13	3	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	15	2	14	16	4	13	0	569	4019	5298	6144	6936	7696	8430	8906	9259	9375	15	14	2	16	13	4	C
A	15	2	13	16	4	12	0	678	15725	12394	12621	14040	15476	16893	17826	18520	18750	15	13	2	16	12	4	C
A	15	3	13	16	5	12	0	374	5304	10663	12609	14040	15476	16893	17826	18520	18750	15	13	3	16	12	5	C
A	15	3	12	16	5	11	0	376	9009	30465	22056	23825	26001	28243	29746	30874	31250	15	12	3	16	11	5	C
A	15	4	12	16	6	11	0	255	4374	14865	21650	23820	26001	28243	29746	30874	31250	15	12	4	16	11	6	C
A	15	4	11	16	6	10	0	255	4611	31495	39914	36759	39479	42566	44703	46330	46875	15	11	4	16	10	6	C
A	15	5	11	16	7	10	0	185	3226	14059	31845	36633	39477	42566	44703	46330	46875	15	11	5	16	10	7	C
A	15	5	10	16	7	9	0	185	3234	16218	74458	55184	56317	60028	62769	64903	65625	15	10	5	16	9	7	C
A	15	6	10	16	8	9	0	140	2430	11028	36299	52180	56282	60028	62769	64903	65625	15	10	6	16	9	8	C
A	15	6	9	16	8	8	0	140	2430	11128	56882	96797	77608	80950	84078	86625	87500	15	9	6	16	8	8	C
A	15	7	9	16	9	8	0	108	1875	8485	31776	64538	76783	80946	84078	86625	87500	15	9	7	16	8	9	C
A	15	7	8	16	9	7	0	108	1875	8488	33697	124036	113142	106009	108900	111557	112500	15	8	7	16	7	9	C
A	15	8	8	16	10	7	0	84	1464	6598	24991	62736	97976	105894	108900	111557	112500	15	8	8	16	7	10	C
A	15	8	7	16	10	6	0	84	1464	6598	25078	75265	185607	137599	137793	139829	140625	15	7	8	16	6	10	C
A	15	9	7	16	11	6	0	66	1142	5140	19359	50936	105250	134921	137768	139829	140625	15	7	9	16	6	11	C
A	15	9	6	16	11	5	0	66	1142	5140	19363	51657	156021	199926	172204	171724	171875	15	6	9	16	5	11	C
A	15	10	6	16	12	5	0	51	881	3959	14854	39016	90162	159380	171450	171723	171875	15	6	10	16	5	12	C
A	15	10	5	16	12	4	0	51	881	3959	14854	39047	95137	286647	223371	207940	206250	15	5	10	16	4	12	C
A	15	11	5	16	13	4	0	38	660	2966	11106	29045	67961	153127	206014	207895	206250	15	5	11	16	4	13	C
A	15	11	4	16	13	3	0	38	660	2966	11106	29046	68165	193652	348071	251138	243750	15	4	11	16	3	13	C
A	15	12	4	16	14	3	0	27	469	2105	7874	20544	47899	115742	210609	248974	243750	15	4	12	16	3	14	C
A	15	12	3	16	14	2	0	27	469	2105	7874	20545	47905	117992	318855	337167	284375	15	3	12	16	2	14	C
A	15	13	3	16	15	2	0	17	298	1340	5008	13051	30353	73652	155080	277426	284375	15	3	13	16	2	15	C
A	15	13	2	16	15	1	0	17	298	1340	5008	13051	30353	73713	164290	508983	328125	15	2	13	16	1	15	C
A	15	14	2	16	16	1	0	8	143	644	2406	6268	14563	35278	76041	199868	328125	15	2	14	16	1	16	C
A	15	14	1	16	16	0	0	8	143	644	2406	6268	14563	35278	76202	260053	750000	15	1	14	16	0	16	C
												Δτ = 4												
B	15	0	15	16	3	14	0	16615	14167	8453	5730	4578	3929	3506	3296	3165	3125	15	15	0	16	14	3	B
B	15	1	14	16	4	13	0	4173	35777	25862	17364	13785	11797	10518	9887	9494	9375	15	14	1	16	13	4	B
B	15	2	13	16	5	12	0	680	25566	48803	35043	27658	23602	21025	19767	18985	18750	15	13	2	16	12	5	B
B	15	3	12	16	6	11	0	231	6116	48797	57953	46167	39310	35001	32919	31635	31250	15	12	3	16	11	6	B
B	15	4	11	16	7	10	0	103	1977	17187	75347	68857	58805	52384	49313	47436	46875	15	11	4	16	10	7	B
B	15	5	10	16	8	9	0	52	948	5244	51138	91309	81711	73037	68884	66371	65625	15	10	5	16	9	8	B
B	15	6	9	16	9	8	0	28	503	2493	16170	86750	106106	96650	91504	88409	87500	15	9	6	16	8	9	B
B	15	7	8	16	10	7	0	15	278	1353	6233	37366	118310	122349	116894	113489	112500	15	8	7	16	7	10	B
B	15	8	7	16	11	6	0	9	157	754	3265	12062	76470	145820	144394	141479	140625	15	7	8	16	6	11	B
B	15	9	6	16	12	5	0	5	87	418	1777	5613	24228	139925	171692	172071	171875	15	6	9	16	5	12	B
B	15	10	5	16	13	4	0	3	47	224	941	2888	8888	64871	183552	204429	206250	15	5	10	16	4	13	B
B	15	11	4	16	14	3	0	1	23	111	463	1399	4052	17270	116803	234517	243750	15	4	11	16	3	14	B
B	15	12	3	16	15	2	0	1	10	47	194	582	1652	5645	27806	223184	284375	15	3	12	16	2	15	B
B	15	13	2	16	16	1	0	0	3	13	55	165	463	1522	5044	70109	328125	15	2	13	16	1	16	B
												Δτ = 5												
C	15	0	15	16	3	13	0	14226	1825	392	123	47	17	5	1	0	0	15	15	0	16	13	3	A
C	15	1	15	16	4	13	0	973	1127	388	123	47	17	5	1	0	0	15	15	1	16	13	4	A
C	15	1	14	16	4	12	0	4058	16152	2193	581	217	78	20	4	0	0	15	14	1	16	12	4	A
C	15	2	14	16	5	12	0	555	3270	1860	580	217	78	20	4	0	0	15	14	2	16	12	5	A
C	15	2	13	16	5	11	0	663	21478	11497	1788	633	224	58	13	1	0	15	13	2	16	11	5	A
C	15	3	13	16	6	11	0	224	3090	4532	1751	633	224	58	13	1	0	15	13	3	16	11	6	A
C	15	3	12	16	6	10	0	225	5510	30257	5328	1523	521	133	29	2	0	15	12	3	16	10	6	A
C	15	4	12	16	7	10	0	101	1687	5394	4099	1517	521	133	29	2	0	15	12	4	16	10	7	A
C	15	4	11	16	7	9	0	101	1781	13651	19537	3440	1091	272	60	3	0	15	11	4	16	9	7	A
C	15	5	11	16	8	9	0	50	852	3611	6570	3228	1090	272	60	3	0	15	11	5	16	9	8	A
C	15	5	10	16	8	8	0	50	854	4212	28943	9670	2167	523	113	6	0	15	10	5	16	8	8	A
C	15	6	10	16	9	8	0	27	453	1979	6105	5709	2141	523	113	6	0	15	10	6	16	8	9	A
C	15	6	9	16	9	7	0	27	453	1997	10568	26456	4639	969	207	12	0	15	9	6	16	7	9	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	15	7	9	16	10	7	0	15	251	1083	3820	6733	3903	968	207	12	0	15	9	7	16	7	10	A
C	15	7	8	16	10	6	0	15	251	1083	4074	18163	13632	1802	373	21	0	15	8	7	16	6	10	A
C	15	8	8	16	11	6	0	8	141	603	2119	4920	5592	1761	373	21	0	15	8	8	16	6	11	A
C	15	8	7	16	11	5	0	8	141	603	2127	6096	21942	3976	677	38	0	15	7	8	16	5	11	A
C	15	9	7	16	12	5	0	5	78	335	1156	2777	5003	2979	674	38	0	15	7	9	16	5	12	A
C	15	9	6	16	12	4	0	5	78	335	1156	2820	8552	11709	1331	70	0	15	6	9	16	4	12	A
C	15	10	6	16	13	4	0	3	42	179	612	1445	2947	3662	1210	70	0	15	6	10	16	4	13	A
C	15	10	5	16	13	3	0	3	42	179	612	1447	3138	11829	3825	136	0	15	5	10	16	3	13	A
C	15	11	5	16	14	3	0	1	21	89	301	700	1418	2560	1793	134	0	15	5	11	16	3	14	A
C	15	11	4	16	14	2	0	1	21	89	301	700	1423	3494	8178	328	0	15	4	11	16	2	14	A
C	15	12	4	16	15	2	0	1	9	37	126	291	579	1109	1430	261	0	15	4	12	16	2	15	A
C	15	12	3	16	15	1	0	1	9	37	126	291	579	1135	2771	1375	0	15	3	12	16	1	15	A
C	15	13	3	16	16	1	0	0	3	11	36	83	162	304	471	300	0	15	3	13	16	1	16	A
C	15	13	2	16	16	0	0	0	3	11	36	83	162	305	506	1496	0	15	2	13	16	0	16	A
												Δτ = 6												
B	15	1	15	16	4	12	0	991	610	51	10	3	1	0	0	0	0	15	15	1	16	12	4	B
B	15	2	14	16	5	11	0	569	3284	658	69	20	6	1	0	0	0	15	14	2	16	11	5	B
B	15	3	13	16	6	10	0	230	3402	4122	367	82	24	5	1	0	0	15	13	3	16	10	6	B
B	15	4	12	16	7	9	0	103	1872	6474	2327	293	78	17	4	0	0	15	12	4	16	9	7	B
B	15	5	11	16	8	8	0	52	946	4487	8066	1271	228	48	10	1	0	15	11	5	16	8	8	B
B	15	6	10	16	9	7	0	28	503	2469	9091	6186	718	128	25	1	0	15	10	6	16	7	9	B
B	15	7	9	16	10	6	0	15	278	1353	5837	12053	3269	341	65	4	0	15	9	7	16	6	10	B
B	15	8	8	16	11	5	0	9	157	754	3253	9658	11465	1106	170	9	0	15	8	8	16	5	11	B
B	15	9	7	16	12	4	0	5	87	418	1776	5524	13566	5395	493	24	0	15	7	9	16	4	12	B
B	15	10	6	16	13	3	0	3	47	224	941	2885	8331	14758	2253	72	0	15	6	10	16	3	13	B
B	15	11	5	16	14	2	0	1	23	111	463	1399	4038	12425	10829	287	0	15	5	11	16	2	14	B
B	15	12	4	16	15	1	0	1	10	47	194	582	1652	5512	13456	2329	0	15	4	12	16	1	15	B
B	15	13	3	16	16	0	0	0	3	13	55	165	463	1520	4682	9497	0	15	3	13	16	0	16	B
												Δτ = 7												
A	15	0	15	16	4	12	0	18	61	10	3	1	1	0	0	0	0	15	15	0	16	12	4	C
A	15	1	15	16	5	12	0	1	12	9	3	1	1	0	0	0	0	15	15	1	16	12	5	C
A	15	1	14	16	5	11	0	3	304	132	24	10	4	1	0	0	0	15	14	1	16	11	5	C
A	15	2	14	16	6	11	0	0	24	51	24	10	4	1	0	0	0	15	14	2	16	11	6	C
A	15	2	13	16	6	10	0	0	171	799	129	41	16	4	1	0	0	15	13	2	16	10	6	C
A	15	3	13	16	7	10	0	0	15	106	99	41	16	4	1	0	0	15	13	3	16	10	7	C
A	15	3	12	16	7	9	0	0	27	917	811	146	50	14	3	0	0	15	12	3	16	9	7	C
A	15	4	12	16	8	9	0	0	6	89	256	137	50	14	3	0	0	15	12	4	16	9	8	C
A	15	4	11	16	8	8	0	0	6	230	2599	636	149	38	9	1	0	15	11	4	16	8	8	C
A	15	5	11	16	9	8	0	0	2	41	336	369	147	38	9	1	0	15	11	5	16	8	9	C
A	15	5	10	16	9	7	0	0	2	48	1745	3031	467	102	23	1	0	15	10	5	16	7	9	C
A	15	6	10	16	10	7	0	0	1	16	221	633	392	102	23	1	0	15	10	6	16	7	10	C
A	15	6	9	16	10	6	0	0	1	16	387	4702	2119	273	58	3	0	15	9	6	16	6	10	C
A	15	7	9	16	11	6	0	0	0	6	96	559	820	267	58	3	0	15	9	7	16	6	11	C
A	15	7	8	16	11	5	0	0	0	6	103	1608	6903	885	153	9	0	15	8	7	16	5	11	C
A	15	8	8	16	12	5	0	0	0	2	37	279	989	659	152	9	0	15	8	8	16	5	12	C
A	15	8	7	16	12	4	0	0	0	2	37	347	4919	4283	444	24	0	15	7	8	16	4	12	C
A	15	9	7	16	13	4	0	0	0	1	14	106	599	1190	403	24	0	15	7	9	16	4	13	C
A	15	9	6	16	13	3	0	0	0	1	14	107	1044	10109	2027	70	0	15	6	9	16	3	13	C
A	15	10	6	16	14	3	0	0	0	0	5	35	220	1065	919	70	0	15	6	10	16	3	14	C
A	15	10	5	16	14	2	0	0	0	0	5	35	235	3967	9311	280	0	15	5	10	16	2	14	C
A	15	11	5	16	15	2	0	0	0	0	1	10	60	415	1081	222	0	15	5	11	16	2	15	C
A	15	11	4	16	15	1	0	0	0	0	1	10	61	572	7313	2266	0	15	4	11	16	1	15	C
A	15	12	4	16	16	1	0	0	0	0	0	2	11	76	376	460	0	15	4	12	16	1	16	C
A	15	12	3	16	16	0	0	0	0	0	0	2	11	77	751	8410	0	15	3	12	16	0	16	C
												Δτ = 8												

	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	
B	15	0	15 16	5	12	0	19	115	43	10	3	1	0	0	0	0	15	15	0 16	12	5	B
B	15	1	14 16	6	11	0	2	221	252	68	20	6	1	0	0	0	15	14	1 16	11	6	B
B	15	2	13 16	7	10	0	0	75	512	281	82	24	5	1	0	0	15	13	2 16	10	7	B
B	15	3	12 16	8	9	0	0	8	313	725	274	78	17	4	0	0	15	12	3 16	9	8	B
B	15	4	11 16	9	8	0	0	1	53	876	737	226	48	10	1	0	15	11	4 16	8	9	B
B	15	5	10 16	10	7	0	0	0	8	343	1229	602	128	25	1	0	15	10	5 16	7	10	B
B	15	6	9 16	11	6	0	0	0	2	52	861	1251	333	65	4	0	15	9	6 16	6	11	B
B	15	7	8 16	12	5	0	0	0	1	10	184	1388	822	169	9	0	15	8	7 16	5	12	B
B	15	8	7 16	13	4	0	0	0	0	2	26	507	1463	448	24	0	15	7	8 16	4	13	B
B	15	9	6 16	14	3	0	0	0	0	1	5	65	1121	1017	72	0	15	6	9 16	3	14	B
B	15	10	5 16	15	2	0	0	0	0	0	1	8	205	1134	228	0	15	5	10 16	2	15	B
B	15	11	4 16	16	1	0	0	0	0	0	0	1	12	249	470	0	15	4	11 16	1	16	B
											Δτ = 9											
C	15	0	15 16	5	11	0	18	94	10	0	0	0	0	0	0	0	15	15	0 16	11	5	A
C	15	1	15 16	6	11	0	0	7	4	0	0	0	0	0	0	0	15	15	1 16	11	6	A
C	15	1	14 16	6	10	0	2	198	148	6	1	0	0	0	0	0	15	14	1 16	10	6	A
C	15	2	14 16	7	10	0	0	9	19	5	1	0	0	0	0	0	15	14	2 16	10	7	A
C	15	2	13 16	7	9	0	0	67	396	68	4	0	0	0	0	0	15	13	2 16	9	7	A
C	15	3	13 16	8	9	0	0	4	28	21	4	0	0	0	0	0	15	13	3 16	9	8	A
C	15	3	12 16	8	8	0	0	7	250	380	27	2	0	0	0	0	15	12	3 16	8	8	A
C	15	4	12 16	9	8	0	0	1	16	45	16	2	0	0	0	0	15	12	4 16	8	9	A
C	15	4	11 16	9	7	0	0	1	42	557	202	9	0	0	0	0	15	11	4 16	7	9	A
C	15	5	11 16	10	7	0	0	0	5	42	41	8	0	0	0	0	15	11	5 16	7	10	A
C	15	5	10 16	10	6	0	0	0	6	223	558	62	2	0	0	0	15	10	5 16	6	10	A
C	15	6	10 16	11	6	0	0	0	1	19	53	24	2	0	0	0	15	10	6 16	6	11	A
C	15	6	9 16	11	5	0	0	0	1	34	427	320	8	0	0	0	15	9	6 16	5	11	A
C	15	7	9 16	12	5	0	0	0	0	6	32	42	6	0	0	0	15	9	7 16	5	12	A
C	15	7	8 16	12	4	0	0	0	0	6	92	469	60	1	0	0	15	8	7 16	4	12	A
C	15	8	8 16	13	4	0	0	0	0	2	11	35	17	1	0	0	15	8	8 16	4	13	A
C	15	8	7 16	13	3	0	0	0	0	2	13	177	240	8	0	0	15	7	8 16	3	13	A
C	15	9	7 16	14	3	0	0	0	0	0	3	13	22	4	0	0	15	7	9 16	3	14	A
C	15	9	6 16	14	2	0	0	0	0	0	3	23	221	62	0	0	15	6	9 16	2	14	A
C	15	10	6 16	15	2	0	0	0	0	0	1	3	11	7	0	0	15	6	10 16	2	15	A
C	15	10	5 16	15	1	0	0	0	0	0	1	3	41	108	1	0	15	5	10 16	1	15	A
C	15	11	5 16	16	1	0	0	0	0	0	0	0	2	4	0	0	15	5	11 16	1	16	A
C	15	11	4 16	16	0	0	0	0	0	0	0	0	2	25	9	0	15	4	11 16	0	16	A
											Δτ = 10											
B	15	1	15 16	6	10	0	0	8	3	0	0	0	0	0	0	0	15	15	1 16	10	6	B
B	15	2	14 16	7	9	0	0	10	23	3	0	0	0	0	0	0	15	14	2 16	9	7	B
B	15	3	13 16	8	8	0	0	4	35	26	1	0	0	0	0	0	15	13	3 16	8	8	B
B	15	4	12 16	9	7	0	0	1	20	68	17	1	0	0	0	0	15	12	4 16	7	9	B
B	15	5	11 16	10	6	0	0	0	7	65	75	7	0	0	0	0	15	11	5 16	6	10	B
B	15	6	10 16	11	5	0	0	0	2	30	105	50	1	0	0	0	15	10	6 16	5	11	B
B	15	7	9 16	12	4	0	0	0	1	9	64	117	11	0	0	0	15	9	7 16	4	12	B
B	15	8	8 16	13	3	0	0	0	0	2	21	98	68	2	0	0	15	8	8 16	3	13	B
B	15	9	7 16	14	2	0	0	0	0	1	5	37	107	23	0	0	15	7	9 16	2	14	B
B	15	10	6 16	15	1	0	0	0	0	0	1	8	54	66	1	0	15	6	10 16	1	15	B
B	15	11	5 16	16	0	0	0	0	0	0	0	1	9	35	8	0	15	5	11 16	0	16	B
											Δτ = 11											
A	15	0	15 16	6	10	0	0	1	1	0	0	0	0	0	0	0	15	15	0 16	10	6	C
A	15	1	14 16	7	9	0	0	1	5	1	0	C	0	0	0	0	15	14	1 16	9	7	C
A	15	2	13 16	8	8	0	0	0	7	9	1	0	0	0	0	0	15	13	2 16	8	8	C
A	15	3	13 16	9	8	0	0	0	0	1	0	0	0	0	0	0	15	13	3 16	8	9	C
A	15	3	12 16	9	7	0	0	0	3	24	9	0	0	0	0	0	15	12	3 16	7	9	C
A	15	4	12 16	10	7	0	0	0	0	2	2	0	0	0	0	0	15	12	4 16	7	10	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	15	4	11	16	10	6	0	0	0	0	21	37	4	0	0	0	0	15	11	4	16	6	10	C
A	15	5	11	16	11	6	0	0	0	0	1	3	2	0	0	0	0	15	11	5	16	6	11	C
A	15	5	10	16	11	5	0	0	0	0	6	51	32	1	0	0	0	15	10	5	16	5	11	C
A	15	6	10	16	12	5	0	0	0	0	0	3	4	1	0	0	0	15	10	6	16	5	12	C
A	15	6	9	16	12	4	0	0	0	0	1	25	75	9	0	0	0	15	9	6	16	4	12	C
A	15	7	9	16	13	4	0	0	0	0	0	1	5	3	0	0	0	15	9	7	16	4	13	C
A	15	7	8	16	13	3	0	0	0	0	0	4	58	54	2	0	0	15	8	7	16	3	13	C
A	15	8	8	16	14	3	0	0	0	0	0	0	3	5	1	0	0	15	8	8	16	3	14	C
A	15	8	7	16	14	2	0	0	0	0	0	0	13	84	21	0	0	15	7	8	16	2	14	C
A	15	9	7	16	15	2	0	0	0	0	0	0	1	4	2	0	0	15	7	9	16	2	15	C
A	15	9	6	16	15	1	0	0	0	0	0	0	1	37	59	1	0	15	6	9	16	1	15	C
A	15	10	6	16	16	1	0	0	0	0	0	0	0	1	2	0	0	15	6	10	16	1	16	C
A	15	10	5	16	16	0	0	0	0	0	0	0	0	3	30	8	0	15	5	10	16	0	16	C
												Δτ = 12												
B	15	1	14	16	8	9	0	0	0	2	1	0	0	0	0	0	0	15	14	1	16	9	8	B
B	15	2	13	16	9	8	0	0	0	2	3	1	0	0	0	0	0	15	13	2	16	8	9	B
B	15	3	12	16	10	7	0	0	0	0	5	4	1	0	0	0	0	15	12	3	16	7	10	B
B	15	4	11	16	11	6	0	0	0	0	3	7	3	0	0	0	0	15	11	4	16	6	11	B
B	15	5	10	16	12	5	0	0	0	0	1	6	7	1	0	0	0	15	10	5	16	5	12	B
B	15	6	9	16	13	4	0	0	0	0	0	2	8	3	0	0	0	15	9	6	16	4	13	B
B	15	7	8	16	14	3	0	0	0	0	0	0	4	6	1	0	0	15	8	7	16	3	14	B
B	15	8	7	16	15	2	0	0	0	0	0	0	0	4	3	0	0	15	7	8	16	2	15	B
B	15	9	6	16	16	1	0	0	0	0	0	0	0	1	2	0	0	15	6	9	16	1	16	B
												Δτ = 13												
C	15	1	14	16	8	8	0	0	0	1	0	0	0	0	0	0	0	15	14	1	16	8	8	A
C	15	2	13	16	9	7	0	0	0	1	2	0	0	0	0	0	0	15	13	2	16	7	9	A
C	15	3	12	16	10	6	0	0	0	0	3	2	0	0	0	0	0	15	12	3	16	6	10	A
C	15	4	11	16	11	5	0	0	0	0	2	3	1	0	0	0	0	15	11	4	16	5	11	A
C	15	5	10	16	12	4	0	0	0	0	0	3	2	0	0	0	0	15	10	5	16	4	12	A
C	15	6	9	16	13	3	0	0	0	0	0	1	3	1	0	0	0	15	9	6	16	3	13	A
C	15	7	8	16	14	2	0	0	0	0	0	0	1	1	0	0	0	15	8	7	16	2	14	A
C	15	8	7	16	15	1	0	0	0	0	0	0	0	1	0	0	0	15	7	8	16	1	15	A
J=16			ΔJ = 0																					
												Δτ = 1												
C	16	8	8	16	9	8	606618	593668	553447	495574	393794	354189	589992	732414	766902	775922	776471	16	8	8	16	8	9	A
A	16	9	8	16	9	7	982721	982305	975494	949872	853098	596576	403470	513059	588121	638916	655147	16	8	9	16	7	9	C
C	16	9	7	16	10	7	552022	541558	509183	463206	385217	293735	340519	532530	581472	593744	594485	16	7	9	16	7	10	A
A	16	10	7	16	10	6	1213235	1212917	1207712	1188274	1117497	943129	561279	509839	610314	676719	697610	16	7	10	16	6	10	C
C	16	10	6	16	11	6	491360	482899	456775	419919	358752	286020	218835	341360	418165	435724	436765	16	6	10	16	6	11	A
A	16	11	6	16	11	5	1468015	1467771	1463795	1449004	1395998	1273654	963061	538711	614024	705881	734007	16	6	11	16	5	11	C
C	16	11	5	16	12	5	424632	417873	397025	367714	319581	264046	195728	182414	273868	301753	303309	16	5	11	16	5	12	A
A	16	12	5	16	12	4	1747059	1746876	1743883	1732774	1693281	1604489	1398809	827260	607072	723607	764338	16	5	12	16	4	12	C
C	16	12	4	16	13	4	351838	346589	330410	307706	270615	228442	177845	118710	146259	191526	194118	16	4	12	16	4	13	A
A	16	13	4	16	13	3	2050368	2050234	2048060	2039997	2011456	1948081	1807249	1407864	781214	724001	788603	16	4	13	16	3	13	C
C	16	13	3	16	14	3	272978	269119	257231	240565	213410	182742	146595	100005	72752	103844	109191	16	3	13	16	3	14	A
A	16	14	3	16	14	2	2377941	2377851	2376380	2370930	2351685	2309224	2216508	1972836	1418897	760247	806801	16	3	14	16	2	14	C
C	16	14	2	16	15	2	188051	185511	177687	166723	148883	128796	105297	75591	48539	40884	48529	16	2	14	16	2	15	A
A	16	15	2	16	15	1	2729779	2729728	2728880	2725743	2714677	2690344	2637651	2503113	2218830	1258680	818934	16	2	15	16	1	15	C
C	16	15	1	16	16	1	97059	95797	91912	86468	77616	67662	56050	41494	28198	14186	12132	16	1	15	16	1	16	A
A	16	16	1	16	16	0	3105882	3105865	3105585	3104549	3100895	3092870	3075540	3031671	2942055	2558310	1650000	16	1	16	16	0	16	C
												Δτ = 2												
B	16	8	9	16	9	8	606618	619696	662008	727490	851083	939806	851083	727490	662008	619696	606618	16	9	8	16	8	9	B
B	16	8	8	16	9	7	606618	619696	662008	727523	858548	1211542	1035764	806741	724350	671506	655147	16	8	8	16	7	9	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	16	9	8	16	10	7	552022	562602	596870	649839	751906	885035	927639	805963	724346	671506	655147	16	8	9	16	7	10	B
B	16	9	7	16	10	6	552022	562602	596870	649840	752295	923377	1291953	898962	786221	718585	697610	16	7	9	16	6	10	B
B	16	10	7	16	11	6	491360	499921	527670	570545	652882	770487	912272	883770	786084	718585	697610	16	7	10	16	6	11	B
B	16	10	6	16	11	5	491360	499921	527670	570545	652899	772532	1059284	1105817	853216	762017	734007	16	6	10	16	5	11	B
B	16	11	6	16	12	5	424632	431474	453665	487952	553627	647584	793444	922459	849752	762014	734007	16	6	11	16	5	12	B
B	16	11	5	16	12	4	424632	431474	453665	487952	553628	647680	804306	1282796	967605	804212	764338	16	5	11	16	4	12	B
B	16	12	5	16	13	4	351838	357153	374395	401041	452021	524675	640556	838550	899866	804042	764338	16	5	12	16	4	13	B
B	16	12	4	16	13	3	351838	357153	374395	401041	452021	524679	641025	926992	1267404	853698	788603	16	4	12	16	3	13	B
B	16	13	4	16	14	3	272978	276885	289564	309161	346638	399942	484760	650465	843343	846543	788603	16	4	13	16	3	14	B
B	16	13	3	16	14	2	272978	276885	289564	309161	346638	399942	484776	654567	1077249	1012195	806801	16	3	13	16	2	14	B
B	16	14	3	16	15	2	188051	190624	198972	211878	236556	271628	327321	437290	614269	841189	806801	16	3	14	16	2	15	B
B	16	14	2	16	15	1	188051	190624	198972	211878	236556	271628	327321	437405	630534	1326299	818934	16	2	14	16	1	15	B
B	16	15	2	16	16	1	97059	98336	102483	108894	121154	138574	166217	220769	312619	566541	818934	16	2	15	16	1	16	B
B	16	15	1	16	16	0	97059	98336	102483	108894	121154	138574	166217	220771	312891	681980	1650000	16	1	15	16	0	16	B
												$\Delta\tau$ = 3												
C	16	8	9	16	9	7	606618	593668	553447	495543	387857	172149	28571	6530	1428	82	0	16	9	8	16	7	9	A
A	16	8	8	16	10	7	0	55	949	4315	16916	66206	322823	512321	588117	638916	655147	16	8	8	16	7	10	C
C	16	9	8	16	10	6	552022	541558	509183	463205	384892	270819	69242	10012	2151	123	0	16	8	9	16	6	10	A
A	16	9	7	16	11	6	0	36	622	2818	10872	31290	155065	495914	610178	676719	697610	16	7	9	16	6	11	C
C	16	10	7	16	11	5	491360	482899	456775	419919	358738	284639	154844	18191	3302	188	0	16	7	10	16	5	11	A
A	16	10	6	16	12	5	0	23	395	1786	6835	18776	56687	370121	610537	705878	734007	16	6	10	16	5	12	C
C	16	11	6	16	12	4	424632	417873	397025	367714	319580	263979	190658	48898	5499	297	0	16	6	11	16	4	12	A
A	16	11	5	16	13	4	0	14	238	1073	4083	11073	28262	143327	540397	723435	764338	16	5	11	16	4	13	C
C	16	12	5	16	13	3	351838	346589	330410	307706	270615	228440	177596	95793	13587	500	0	16	5	12	16	3	13	A
A	16	12	4	16	14	3	0	8	130	587	2226	5986	14896	46598	276439	716638	788603	16	4	12	16	3	14	C
C	16	13	4	16	14	2	272978	269119	257231	240565	213410	182742	146586	98751	37916	1050	0	16	4	13	16	2	14	A
A	16	13	3	16	15	2	0	3	60	270	1022	2734	6716	18661	67316	580697	806801	16	3	13	16	2	15	C
C	16	14	3	16	15	1	188051	185511	177687	166723	148883	128796	105297	75551	46097	4047	0	16	3	14	16	1	15	A
A	16	14	2	16	16	1	0	1	19	84	316	841	2048	5547	14867	157227	818934	16	2	14	16	1	16	C
C	16	15	2	16	16	0	97059	95797	91912	86468	77616	67662	56050	41493	28146	9512	0	16	2	15	16	0	16	A
												$\Delta\tau$ = 5												
C	16	7	9	16	10	7	0	11	192	847	3689	22117	23738	6522	1428	82	0	16	9	7	16	7	10	A
A	16	8	9	16	10	6	0	55	949	4314	16703	36483	13453	1849	403	24	0	16	9	8	16	6	10	C
C	16	8	8	16	11	6	0	5	92	398	1489	5890	23246	9779	2151	123	0	16	8	8	16	6	11	A
A	16	9	8	16	11	5	0	36	622	2818	10864	29253	39078	4978	882	51	0	16	8	9	16	5	11	C
C	16	9	7	16	12	5	0	3	43	184	663	1819	8923	13325	3285	188	0	16	7	9	16	5	12	A
A	16	10	7	16	12	4	0	23	395	1786	6835	18702	42724	20326	2177	117	0	16	7	10	16	4	12	C
C	16	10	6	16	13	4	0	1	19	81	285	721	2055	10772	4979	297	0	16	6	10	16	4	13	A
A	16	11	6	16	13	3	0	14	238	1073	4083	11070	27665	48264	8494	301	0	16	6	11	16	3	13	C
C	16	11	5	16	14	3	0	0	8	32	111	272	622	2845	5793	496	0	16	5	11	16	3	14	A
A	16	12	5	16	14	2	0	8	130	587	2226	5986	14880	39184	35275	1036	0	16	5	12	16	2	14	C
C	16	12	4	16	15	2	0	0	2	10	36	86	185	486	2300	831	0	16	4	12	16	2	15	A
A	16	13	4	16	15	1	0	3	60	270	1022	2734	6716	18476	40309	7317	0	16	4	13	16	1	15	C
C	16	13	3	16	16	1	0	0	1	2	7	17	36	80	226	739	0	16	3	13	16	1	16	A
A	16	14	3	16	16	0	0	1	19	84	316	841	2048	5545	14274	26393	0	16	3	14	16	0	16	C
												$\Delta\tau$ = 6												
B	16	7	10	16	10	7	0	12	213	1057	4772	9182	4772	1057	213	12	0	16	10	7	16	7	10	B
B	16	7	9	16	10	6	0	12	213	1058	5688	41473	20567	2314	448	24	0	16	9	7	16	6	10	B
B	16	8	9	16	11	6	0	6	102	498	2264	6881	8051	2261	448	24	0	16	9	8	16	6	11	B
B	16	8	8	16	11	5	0	6	102	498	2292	11796	50305	6234	980	53	0	16	8	8	16	5	11	B
B	16	9	8	16	12	5	0	3	48	230	1019	3417	8088	4642	975	53	0	16	8	9	16	5	12	B
B	16	9	7	16	12	4	0	3	48	230	1020	3644	25072	24991	2421	120	0	16	7	9	16	4	12	B
B	16	10	7	16	13	4	0	1	21	101	439	1436	4514	7047	2197	120	0	16	7	10	16	4	13	B
B	16	10	6	16	13	3	0	1	21	101	439	1442	5882	45529	9431	308	0	16	6	10	16	3	13	B
B	16	11	6	16	14	3	0	0	8	40	171	545	1742	5497	4283	305	0	16	6	11	16	3	14	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	16	11	5	16	14	2	0	0	8	40	171	545	1778	14136	36244	1062	0	16	5	11	16	2	14	B
B	16	12	5	16	15	2	0	0	3	13	55	172	529	2060	4370	843	0	16	5	12	16	2	15	B
B	16	12	4	16	15	1	0	0	3	13	55	172	529	2430	22202	7480	0	16	4	12	16	1	15	B
B	16	13	4	16	16	1	0	0	1	3	11	35	104	397	1396	1521	0	16	4	13	16	1	16	B
B	16	13	3	16	16	0	0	0	1	3	11	35	104	401	2262	23714	0	16	3	13	16	0	16	B
												$\Delta\tau$ = 7												
C	16	7	10	16	10	6	0	11	192	845	3091	4149	493	15	1	0	0	16	10	7	16	6	10	A
A	16	7	9	16	11	6	0	0	0	5	93	1878	5094	1807	403	24	0	16	9	7	16	6	11	C
C	16	8	9	16	11	5	0	5	92	398	1470	3399	2046	57	2	0	0	16	9	8	16	5	11	A
A	16	8	8	16	12	5	0	0	0	2	26	337	4221	3699	878	51	0	16	8	8	16	5	12	C
C	16	9	8	16	12	4	0	3	43	184	662	1705	2716	339	7	0	0	16	8	9	16	4	12	A
A	16	9	7	16	13	4	0	0	0	1	8	69	1086	5430	1976	117	0	16	7	9	16	4	13	C
C	16	10	7	16	13	3	0	1	19	81	285	718	1572	1152	41	0	0	16	7	10	16	3	13	A
A	16	10	6	16	14	3	0	0	0	0	2	18	155	3208	3823	298	0	16	6	10	16	3	14	C
C	16	11	6	16	14	2	0	0	8	32	111	272	609	1078	262	0	0	16	6	11	16	2	14	A
A	16	11	5	16	15	2	0	0	0	0	1	4	27	467	3559	822	0	16	5	11	16	2	15	C
C	16	12	5	16	15	1	0	0	2	10	36	86	185	411	415	5	0	16	5	12	16	1	15	A
A	16	12	4	16	16	1	0	0	0	0	0	1	3	33	612	1473	0	16	4	12	16	1	16	C
C	16	13	4	16	16	0	0	0	1	2	7	17	36	79	139	30	0	16	4	13	16	0	16	A
												$\Delta\tau$ = 9												
C	16	6	10	16	11	6	0	0	0	1	43	348	189	15	1	0	0	16	10	6	16	6	11	A
A	16	7	10	16	11	5	0	0	0	5	78	380	257	7	0	0	0	16	10	7	16	5	11	C
C	16	7	9	16	12	5	0	0	0	0	6	107	264	42	2	0	0	16	9	7	16	5	12	A
A	16	8	9	16	12	4	0	0	0	2	26	196	483	62	1	0	0	16	9	8	16	4	12	C
C	16	8	8	16	13	4	0	0	0	0	1	13	148	93	6	0	0	16	8	8	16	4	13	A
A	16	9	8	16	13	3	0	0	0	1	8	65	340	305	11	0	0	16	8	9	16	3	13	C
C	16	9	7	16	14	3	0	0	0	0	0	2	24	100	19	0	0	16	7	9	16	3	14	A
A	16	10	7	16	14	2	0	0	0	0	2	18	118	406	102	0	0	16	7	10	16	2	14	C
C	16	10	6	16	15	2	0	0	0	0	0	0	2	33	29	0	0	16	6	10	16	2	15	A
A	16	11	6	16	15	1	0	0	0	0	1	4	26	179	247	3	0	16	6	11	16	1	15	C
C	16	11	5	16	16	1	0	0	0	0	0	0	0	2	12	1	0	16	5	11	16	1	16	A
A	16	12	5	16	16	0	0	0	0	0	0	1	3	28	115	30	0	16	5	12	16	0	16	C
												$\Delta\tau$ = 10												
B	16	6	11	16	11	6	0	0	0	2	25	64	25	2	0	0	0	16	11	6	16	6	11	B
B	16	6	10	16	11	5	0	0	0	2	66	690	395	9	0	0	0	16	10	6	16	5	11	B
B	16	7	10	16	12	5	0	0	0	0	7	44	52	7	0	0	0	16	10	7	16	5	12	B
B	16	7	9	16	12	4	0	0	0	0	9	214	726	78	1	0	0	16	9	7	16	4	12	B
B	16	8	9	16	13	4	0	0	0	0	2	15	50	21	1	0	0	16	9	8	16	4	13	B
B	16	8	8	16	13	3	0	0	0	0	2	26	421	381	12	0	0	16	8	8	16	3	13	B
B	16	9	8	16	14	3	0	0	0	0	0	3	21	34	5	0	0	16	8	9	16	3	14	B
B	16	9	7	16	14	2	0	0	0	0	0	3	68	490	114	0	0	16	7	9	16	2	14	B
B	16	10	7	16	15	2	0	0	0	0	0	1	4	21	13	0	0	16	7	10	16	2	15	B
B	16	10	6	16	15	1	0	0	0	0	0	1	5	164	273	3	0	16	6	10	16	1	15	B
B	16	11	6	16	16	1	0	0	0	0	0	0	0	4	8	1	0	16	6	11	16	1	16	B
B	16	11	5	16	16	0	0	0	0	0	0	0	0	10	116	30	0	16	5	11	16	0	16	B
												$\Delta\tau$ = 11												
C	16	6	11	16	11	5	0	0	0	1	17	32	6	0	0	0	0	16	11	6	16	5	11	A
A	16	6	10	16	12	5	0	0	0	0	1	20	34	5	0	0	0	16	10	6	16	5	12	C
C	16	7	10	16	12	4	0	0	0	0	5	22	18	1	0	0	0	16	10	7	16	4	12	A
A	16	7	9	16	13	4	0	0	0	0	0	4	32	17	1	0	0	16	9	7	16	4	13	C
C	16	8	9	16	13	3	0	0	0	0	1	7	17	3	0	0	0	16	9	8	16	3	13	A
A	16	8	8	16	14	3	0	0	0	0	0	0	11	27	5	0	0	16	8	8	16	3	14	C
C	16	9	8	16	14	2	0	0	0	0	0	2	7	7	0	0	0	16	8	9	16	2	14	A
A	16	9	7	16	15	2	0	0	0	0	0	0	1	16	11	0	0	16	7	9	16	2	15	C
C	16	10	7	16	15	1	0	0	0	0	0	0	1	4	1	0	0	16	7	10	16	1	15	A

							κ																	
	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	16	10	6	16	16	1	0	0	0	0	0	0	0	2	8	1	0	16	6	10	16	1	16	C
C	16	11	6	16	16	0	0	0	0	0	0	0	0	1	1	0	0	16	6	11	16	0	16	A
												Δτ = 13												
C	16	5	11	16	12	5	0	0	0	0	0	2	1	0	0	0	0	16	11	5	16	5	12	A
A	16	6	11	16	12	4	0	0	0	0	0	2	2	0	0	0	0	16	11	6	16	4	12	C
C	16	6	10	16	13	4	0	0	0	0	0	1	1	0	0	0	0	16	10	6	16	4	13	A
A	16	7	10	16	13	3	0	0	0	0	0	1	2	0	0	0	0	16	10	7	16	3	13	C
C	16	7	9	16	14	3	0	0	0	0	0	0	1	0	0	0	0	16	9	7	16	3	14	A
A	16	8	9	16	14	2	0	0	0	0	0	0	1	1	0	0	0	16	9	8	16	2	14	C
A	16	9	8	16	15	1	0	0	0	0	0	0	0	1	0	0	0	16	8	9	16	1	15	C
												Δτ = 14												
B	16	5	11	16	12	4	0	0	0	0	1	4	2	0	0	0	0	16	11	5	16	4	12	B
B	16	6	10	16	13	3	0	0	0	0	0	2	3	1	0	0	0	16	10	6	16	3	13	B
B	16	7	9	16	14	2	0	0	0	0	0	0	2	2	0	0	0	16	9	7	16	2	14	B
B	16	8	8	16	15	1	0	0	0	0	0	0	0	1	0	0	0	16	8	8	16	1	15	B
J=16			ΔJ = 1																					
												Δτ = 0												
B	16	8	8	17	9	9	955882	940525	889852	808070	632265	468042	632265	808070	889852	940525	955882	16	8	8	17	9	9	B
B	16	9	7	17	10	8	1032353	1019830	978728	913453	779615	565113	491826	695309	800260	863393	882353	16	7	9	17	8	10	B
B	16	10	6	17	11	7	1111765	1101576	1068250	1015811	911287	747213	500519	568560	707305	787950	811765	16	6	10	17	7	11	B
B	16	11	5	17	12	6	1194118	1185926	1159191	1117367	1035292	911965	690264	475393	605630	713240	744118	16	5	11	17	6	12	B
B	16	12	4	17	13	5	1279412	1272981	1252028	1219372	1155883	1062673	903907	573310	501100	637120	679412	16	4	12	17	5	13	B
B	16	13	3	17	14	4	1367647	1362810	1347068	1322598	1275303	1206769	1093806	846277	525582	555304	617647	16	3	13	17	4	14	B
B	16	14	2	17	15	3	1458824	1455459	1444520	1427548	1394871	1347888	1271752	1113609	815674	502625	558824	16	2	14	17	3	15	B
B	16	15	1	17	16	2	1552941	1550962	1544532	1534567	1515431	1488046	1444074	1355037	1194797	716807	502941	16	1	15	17	2	16	B
B	16	16	0	17	17	1	1650000	1649343	1647208	1643901	1637555	1628486	1613962	1584782	1533602	1338931	900000	16	0	16	17	1	17	B
												Δτ = 1												
C	16	0	16	17	1	16	900000	431358	265062	227052	207727	199977	196367	194720	194252	194125	194118	16	16	0	17	16	1	A
C	16	1	16	17	2	16	502941	381504	264999	227052	207727	199977	196367	194720	194252	194125	194118	16	16	1	17	16	2	A
C	16	1	15	17	2	15	502941	826985	515120	440244	402833	387820	380828	377637	376730	376486	376471	16	15	1	17	15	2	A
C	16	2	15	17	3	15	558824	601714	510393	440227	402833	387820	380828	377637	376730	376486	376471	16	15	2	17	15	3	A
C	16	2	14	17	3	14	558824	716297	799533	639688	585330	563528	553381	548750	547436	547081	547059	16	14	2	17	14	3	A
C	16	3	14	17	4	14	617647	672505	709259	638916	585329	563528	553381	548750	547436	547081	547059	16	14	3	17	14	4	A
C	16	3	13	17	4	13	617647	678031	972606	838523	755224	727101	714021	708059	706367	705910	705882	16	13	3	17	13	4	A
C	16	4	13	17	5	13	679412	719419	815190	814713	755180	727101	714021	708059	706367	705910	705882	16	13	4	17	13	5	A
C	16	4	12	17	5	12	679412	719568	868128	1066073	912787	878533	862746	855562	853525	852975	852941	16	12	4	17	12	5	A
C	16	5	12	17	6	12	744118	773926	861601	936598	911388	878529	862746	855562	853525	852975	852941	16	12	5	17	12	6	A
C	16	5	11	17	6	11	744118	773929	864838	1065208	1075785	1017785	999547	991255	988907	988274	988235	16	11	5	17	11	6	A
C	16	6	11	17	7	11	811765	834957	905000	995401	1044964	1017661	999547	991255	988907	988274	988235	16	11	6	17	11	7	A
C	16	6	10	17	7	10	811765	834957	905149	1009455	1239289	1146178	1124395	1115132	1112514	1111808	1111765	16	10	6	17	10	7	A
C	16	7	10	17	8	10	882353	900904	957250	1034772	1133399	1142490	1124386	1115132	1112514	1111808	1111765	16	10	7	17	10	8	A
C	16	7	9	17	8	9	882353	900904	957255	1035653	1211699	1289308	1237204	1227179	1224341	1223576	1223529	16	9	7	17	9	8	A
C	16	8	9	17	9	9	955882	970950	1016874	1080433	1180067	1241904	1236928	1227179	1224341	1223576	1223529	16	9	8	17	9	9	A
C	16	8	8	17	9	8	955882	970950	1016874	1080477	1187659	1374107	1341829	1327355	1324382	1323579	1323529	16	8	8	17	8	9	A
C	16	9	8	17	10	8	1032353	1044663	1082277	1134418	1218503	1302449	1334097	1327349	1324382	1323579	1323529	16	8	9	17	8	10	A
C	16	9	7	17	10	7	1032353	1044663	1082277	1134420	1219014	1332984	1454738	1415545	1412620	1411814	1411765	16	7	9	17	7	10	A
C	16	10	7	17	11	7	1111765	1121793	1152494	1195127	1263930	1340238	1405267	1415306	1412619	1411814	1411765	16	7	10	17	7	11	A
C	16	10	6	17	11	6	1111765	1121793	1152494	1195127	1263958	1342616	1476527	1495442	1488997	1488281	1488235	16	6	10	17	6	11	A
C	16	11	6	17	12	6	1194118	1202188	1226933	1261355	1316910	1379095	1447990	1488437	1488986	1488281	1488235	16	6	11	17	6	12	A
C	16	11	5	17	12	5	1194118	1202188	1226933	1261355	1316911	1379247	1457495	1570785	1553491	1552972	1552941	16	5	11	17	5	12	A
C	16	12	5	17	13	5	1279412	1285751	1305212	1332328	1376129	1425107	1481902	1539858	1552959	1552972	1552941	16	5	12	17	5	13	A
C	16	12	4	17	13	4	1279412	1285751	1305212	1332328	1376129	1425114	1482548	1576684	1611528	1605858	1605882	16	4	12	17	4	13	A
C	16	13	4	17	14	4	1367647	1372418	1387077	1407530	1440611	1477598	1520564	1572669	1601677	1605856	1605882	16	4	13	17	4	14	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	16	13	3	17	14	3	1367647	1372418	1387077	1407530	1440611	1477598	1520599	1576324	1644057	1646899	1647059	16	3	13	17	3	14	A
C	16	14	3	17	15	3	1458824	1462143	1472349	1486606	1509696	1535532	1565525	1602843	1633298	1646681	1647059	16	3	14	17	3	15	A
C	16	14	2	17	15	2	1458824	1462143	1472349	1486606	1509696	1535532	1565526	1603045	1641609	1677455	1676471	16	2	14	17	2	15	A
C	16	15	2	17	16	2	1552941	1554894	1560902	1569303	1582922	1598179	1615896	1637965	1657685	1674504	1676471	16	2	15	17	2	16	A
C	16	15	1	17	16	1	1552941	1554894	1560902	1569303	1582922	1598179	1615896	1637972	1658122	1688568	1694118	16	1	15	17	1	16	A
C	16	16	1	17	17	1	1650000	1650648	1652644	1655434	1659959	1665027	1670913	1678238	1684843	1692161	1694118	16	1	16	17	1	17	A
C	16	16	0	17	17	0	1650000	1650648	1652644	1655434	1659959	1665027	1670913	1678238	1684853	1693327	1700000	16	0	16	17	0	17	A
												Δτ = 2												
B	16	1	16	17	2	15	502941	91794	13726	7944	5389	4308	3697	3300	3103	2979	2941	16	16	1	17	15	2	B
B	16	2	15	17	3	14	558824	382038	51797	24469	16323	12969	11102	9899	9306	8936	8824	16	15	2	17	14	3	B
B	16	3	14	17	4	13	617647	549575	191892	52089	32967	26020	22215	19791	18606	17869	17647	16	14	3	17	13	4	B
B	16	4	13	17	5	12	679412	636967	445096	123760	55469	43462	37012	32955	30990	29777	29412	16	13	4	17	12	5	B
B	16	5	12	17	6	11	744118	713237	602131	329353	87577	65173	55421	49347	46436	44652	44118	16	12	5	17	11	6	B
B	16	6	11	17	7	10	811765	787950	707144	552916	175002	90988	77237	68873	64897	62483	61765	16	11	6	17	10	7	B
B	16	7	10	17	8	9	882353	863393	800255	694303	398221	132234	101935	91333	86286	83249	82353	16	10	7	17	9	8	B
B	16	8	9	17	9	8	955882	940525	889852	808019	622969	264076	129682	116291	110427	106909	105882	16	9	8	17	8	9	B
B	16	9	8	17	10	7	1032353	1019830	978728	913451	778974	524570	189317	142741	136952	133383	132353	16	8	9	17	7	10	B
B	16	10	7	17	11	6	1111765	1101576	1068250	1015811	911253	743870	383737	171218	165025	162502	161765	16	7	10	17	6	11	B
B	16	11	6	17	12	5	1194118	1185926	1159191	1117367	1035291	911748	674959	246788	192894	193879	194118	16	6	11	17	5	12	B
B	16	12	5	17	13	4	1279412	1272981	1252028	1219372	1155883	1062663	902818	495733	231270	226522	229412	16	5	12	17	4	13	B
B	16	13	4	17	14	3	1367647	1362810	1347068	1322598	1275303	1206768	1093748	838367	391774	258442	267647	16	4	13	17	3	14	B
B	16	14	3	17	15	2	1458824	1455459	1444520	1427548	1394871	1347888	1271750	1113158	790713	320810	308824	16	3	14	17	2	15	B
B	16	15	2	17	16	1	1552941	1550962	1544532	1534567	1515431	1488046	1444074	1355022	1193425	634270	352941	16	2	15	17	1	16	B
B	16	16	1	17	17	0	1650000	1649343	1647208	1643901	1637555	1628486	1613962	1584782	1533568	1331606	800000	16	1	16	17	0	17	B
												Δτ = 3												
A	16	0	16	17	2	15	0	2023	1387	1597	1891	2157	2405	2641	2793	2904	2941	16	16	0	17	15	2	C
A	16	1	16	17	3	15	0	601	1359	1597	1891	2157	2405	2641	2793	2904	2941	16	16	1	17	15	3	C
A	16	1	15	17	3	14	0	2585	5344	4990	5766	6520	7239	7932	8382	8714	8824	16	15	1	17	14	3	C
A	16	2	15	17	4	14	0	658	3977	4971	5766	6520	7239	7932	8382	8714	8824	16	15	2	17	14	4	C
A	16	2	14	17	4	13	0	826	15629	10972	11807	13178	14547	15892	16775	17430	17647	16	14	2	17	13	4	C
A	16	3	14	17	5	13	0	441	5797	10215	11803	13178	14547	15892	16775	17430	17647	16	14	3	17	13	5	C
A	16	3	13	17	5	12	0	445	11633	25922	20410	22306	24414	26557	27986	29056	29412	16	13	3	17	12	5	C
A	16	4	13	17	6	12	0	301	5108	15450	20290	22305	24414	26557	27986	29056	29412	16	13	4	17	12	6	C
A	16	4	12	17	6	11	0	301	5606	38367	33885	34240	36995	39993	42045	43598	44118	16	12	4	17	11	6	C
A	16	5	12	17	7	11	0	219	3824	16088	30882	34210	36995	39993	42045	43598	44118	16	12	5	17	11	7	C
A	16	5	11	17	7	10	0	219	3843	20973	65762	49891	52584	56321	59002	61068	61765	16	11	5	17	10	7	C
A	16	6	11	17	8	10	0	166	2892	13123	38840	49182	52578	56321	59002	61068	61765	16	11	6	17	10	8	C
A	16	6	10	17	8	9	0	166	2893	13410	75535	77439	71785	75767	78953	81488	82353	16	10	6	17	9	8	C
A	16	7	10	17	9	9	0	129	2246	10196	37315	64915	71639	75767	78953	81488	82353	16	10	7	17	9	9	C
A	16	7	9	17	9	8	0	129	2246	10208	43534	131119	97100	98762	102077	104899	105882	16	9	7	17	8	9	C
A	16	8	9	17	10	8	0	102	1772	8004	30406	71078	93961	98749	102077	104899	105882	16	9	8	17	8	10	C
A	16	8	8	17	10	7	0	102	1772	8005	30750	106670	150697	126254	128719	131380	132353	16	8	8	17	7	10	C
A	16	9	8	17	11	7	0	81	1405	6330	23937	62488	112249	125920	128717	131380	132353	16	8	9	17	7	11	C
A	16	9	7	17	11	6	0	81	1405	6330	23952	66085	205513	163245	159601	161094	161765	16	7	9	17	6	11	C
A	16	10	7	17	12	6	0	64	1110	4992	18773	49516	109750	156157	159539	161094	161765	16	7	10	17	6	12	C
A	16	10	6	17	12	5	0	64	1110	4992	18774	49686	135045	248303	196799	194395	194118	16	6	10	17	5	12	C
A	16	11	6	17	13	5	0	50	863	3879	14545	38161	89285	174770	195174	194394	194118	16	6	11	17	5	13	C
A	16	11	5	17	13	4	0	50	863	3879	14545	38168	90860	292280	260205	232153	229412	16	5	11	17	4	13	C
A	16	12	5	17	14	4	0	38	652	2926	10952	28625	66983	156861	228114	232073	229412	16	5	12	17	4	14	C
A	16	12	4	17	14	3	0	38	652	2926	10952	28626	67046	178312	393588	277948	267647	16	4	12	17	3	14	C
A	16	13	4	17	15	3	0	27	465	2087	7806	20361	47453	115260	220907	274488	267647	16	4	13	17	3	15	C
A	16	13	3	17	15	2	0	27	465	2087	7806	20361	47455	116179	302883	379676	308824	16	3	13	17	2	15	C
A	16	14	3	17	16	2	0	17	297	1333	4984	12987	30200	73303	156146	298187	308824	16	3	14	17	2	16	C
A	16	14	2	17	16	1	0	17	297	1333	4984	12987	30201	73327	161113	537446	352941	16	2	14	17	1	16	C
A	16	15	2	17	17	1	0	8	143	643	2401	6255	14534	35212	75990	205339	352941	16	2	15	17	1	17	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	16	15	1	17	17	0	0	8	143	643	2401	6255	14534	35212	76073	253517	800000	16	1	15	17	0	17	C
												$\Delta\tau$ = 4												
B	16	0	16	17	3	15	0	18873	13428	7943	5389	4308	3697	3300	3103	2979	2941	16	16	0	17	15	3	B
B	16	1	15	17	4	14	0	5851	36614	24365	16322	12969	11102	9899	9306	8936	8824	16	15	1	17	14	4	B
B	16	2	14	17	5	13	0	942	33971	47886	32954	26019	22215	19791	18606	17869	17647	16	14	2	17	13	5	B
B	16	3	13	17	6	12	0	312	9343	58838	55074	43459	37012	32955	30990	29777	29412	16	13	3	17	12	6	B
B	16	4	12	17	7	11	0	140	2775	27759	77847	65105	55421	49347	46436	44652	44118	16	12	4	17	11	7	B
B	16	5	11	17	8	10	0	71	1308	8027	72402	89344	77226	68873	64897	62483	61765	16	11	5	17	10	8	B
B	16	6	10	17	9	9	0	38	702	3542	29095	103192	101673	91333	86286	83249	82353	16	10	6	17	9	9	B
B	16	7	9	17	10	8	0	22	396	1941	9803	68098	124115	116272	110427	106909	105882	16	9	7	17	8	10	B
B	16	8	8	17	11	7	0	13	229	1110	4902	22747	117401	142258	136950	133383	132353	16	8	8	17	7	11	B
B	16	9	7	17	12	6	0	7	133	641	2753	9139	54515	161109	164949	162502	161765	16	7	9	17	6	12	B
B	16	10	6	17	13	5	0	4	76	365	1546	4822	17354	131646	190860	193878	194118	16	6	10	17	5	13	B
B	16	11	5	17	14	4	0	2	42	200	838	2560	7637	48435	190956	226435	229412	16	5	11	17	4	14	B
B	16	12	4	17	15	3	0	1	21	100	419	1266	3647	14058	100355	254645	267647	16	4	12	17	3	15	B
B	16	13	3	17	16	2	0	0	9	43	178	535	1514	5119	22583	228061	308824	16	3	13	17	2	16	B
B	16	14	2	17	17	1	0	0	3	12	51	153	430	1410	4580	62102	352941	16	2	14	17	1	17	B
												$\Delta\tau$ = 5												
C	16	0	16	17	3	14	0	15412	1424	338	107	41	15	4	1	0	0	16	16	0	17	14	3	A
C	16	1	16	17	4	14	0	1157	1034	337	107	41	15	4	1	0	0	16	16	1	17	14	4	A
C	16	1	15	17	4	13	0	5677	13104	1761	499	187	68	18	4	0	0	16	15	1	17	13	4	A
C	16	2	15	17	5	13	0	729	3439	1630	498	187	68	18	4	0	0	16	15	2	17	13	5	A
C	16	2	14	17	5	12	0	918	26925	8154	1497	540	191	49	11	1	0	16	14	2	17	12	5	A
C	16	3	14	17	6	12	0	301	3830	4370	1487	540	191	49	11	1	0	16	14	3	17	12	6	A
C	16	3	13	17	6	11	0	304	8400	29641	3961	1273	441	113	25	1	0	16	13	3	17	11	6	A
C	16	4	13	17	7	11	0	136	2271	6244	3568	1272	441	113	25	1	0	16	13	4	17	11	7	A
C	16	4	12	17	7	10	0	136	2502	21504	13081	2732	904	228	50	3	0	16	12	4	17	10	7	A
C	16	5	12	17	8	10	0	69	1172	4814	6546	2688	904	228	50	3	0	16	12	5	17	10	8	A
C	16	5	11	17	8	9	0	69	1178	6454	33001	6281	1745	428	93	5	0	16	11	5	17	9	8	A
C	16	6	11	17	9	9	0	37	632	2776	7511	5091	1741	428	93	5	0	16	11	6	17	9	9	A
C	16	6	10	17	9	8	0	37	632	2840	18668	19146	3333	774	167	10	0	16	10	6	17	8	9	A
C	16	7	10	17	10	8	0	21	357	1552	5400	7383	3208	773	167	10	0	16	10	7	17	8	10	A
C	16	7	9	17	10	7	0	21	357	1554	6426	28875	7771	1375	291	17	0	16	9	7	17	7	10	A
C	16	8	9	17	11	7	0	12	207	889	3159	6784	5306	1371	291	17	0	16	9	8	17	7	11	A
C	16	8	8	17	11	6	0	12	207	889	3198	11474	21299	2522	506	29	0	16	8	8	17	6	11	A
C	16	9	8	17	12	6	0	7	120	513	1791	4325	6335	2394	506	29	0	16	8	9	17	6	12	A
C	16	9	7	17	12	5	0	7	120	513	1793	4609	18091	6045	896	50	0	16	7	9	17	5	12	A
C	16	10	7	17	13	5	0	4	69	292	1006	2411	4754	3721	888	50	0	16	7	10	17	5	13	A
C	16	10	6	17	13	4	0	4	69	292	1006	2420	6160	15323	1796	89	0	16	6	10	17	4	13	A
C	16	11	6	17	14	4	0	2	38	160	545	1282	2637	3916	1529	89	0	16	6	11	17	4	14	A
C	16	11	5	17	14	3	0	2	38	160	545	1282	2691	9459	5348	171	0	16	5	11	17	3	14	A
C	16	12	5	17	15	3	0	1	19	80	273	633	1278	2419	2043	169	0	16	5	12	17	3	15	A
C	16	12	4	17	15	2	0	1	19	80	273	633	1280	2845	8140	421	0	16	4	12	17	2	15	A
C	16	13	4	17	16	2	0	0	8	34	116	267	530	1018	1424	315	0	16	4	13	17	2	16	A
C	16	13	3	17	16	1	0	0	8	34	116	267	530	1028	2271	1706	0	16	3	13	17	1	16	A
C	16	14	3	17	17	1	0	0	2	10	33	77	151	282	442	326	0	16	3	14	17	1	17	A
C	16	14	2	17	17	0	0	0	2	10	33	77	151	282	460	1387	0	16	2	14	17	0	17	A
												$\Delta\tau$ = 6												
B	16	1	16	17	4	13	0	1175	445	38	8	2	1	0	0	0	0	16	16	1	17	13	4	B
B	16	2	15	17	5	12	0	747	3238	420	53	15	5	1	0	0	0	16	15	2	17	12	5	B
B	16	3	14	17	6	11	0	309	4189	3222	246	62	18	4	1	0	0	16	14	3	17	11	6	B
B	16	4	13	17	7	10	0	140	2518	7205	1330	208	58	13	3	0	0	16	13	4	17	10	7	B
B	16	5	12	17	8	9	0	71	1302	5953	6395	715	163	35	7	0	0	16	12	5	17	9	8	B
B	16	6	11	17	9	8	0	38	702	3461	10726	3400	445	89	18	1	0	16	11	6	17	8	9	B
B	16	7	10	17	10	7	0	22	396	1938	8200	11132	1504	221	43	2	0	16	10	7	17	7	10	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	16	8	9	17	11	6	0	13	229	1110	4841	12955	6814	574	105	6	0	16	9	8	17	6	11	B
B	16	9	8	17	12	5	0	7	133	641	2751	8560	15336	2020	264	14	0	16	8	9	17	5	12	B
B	16	10	7	17	13	4	0	4	76	365	1546	4803	13208	9214	778	36	0	16	7	10	17	4	13	B
B	16	11	6	17	14	3	0	2	42	200	838	2560	7479	17271	3746	105	0	16	6	11	17	3	14	B
B	16	12	5	17	15	2	0	1	21	100	419	1266	3643	11866	14370	423	0	16	5	12	17	2	15	B
B	16	13	4	17	16	1	0	0	9	43	178	535	1514	5069	13675	3372	0	16	4	13	17	1	16	B
B	16	14	3	17	17	0	0	0	3	12	51	153	430	1409	4399	10864	0	16	3	14	17	0	17	B
												Δτ = 7												
A	16	0	16	17	4	13	0	23	44	8	3	1	0	0	0	0	0	16	16	0	17	13	4	C
A	16	1	16	17	5	13	0	1	11	7	3	1	0	0	0	0	0	16	16	1	17	13	5	C
A	16	1	15	17	5	12	0	4	309	84	19	8	3	1	0	0	0	16	15	1	17	12	5	C
A	16	2	15	17	6	12	0	0	29	44	18	8	3	1	0	0	0	16	15	2	17	12	6	C
A	16	2	14	17	6	11	0	0	257	636	86	31	12	3	1	0	0	16	14	2	17	11	6	C
A	16	3	14	17	7	11	0	0	21	114	77	31	12	3	1	0	0	16	14	3	17	11	7	C
A	16	3	13	17	7	10	0	0	47	1189	465	104	38	10	2	0	0	16	13	3	17	10	7	C
A	16	4	13	17	8	10	0	0	9	121	228	102	38	10	2	0	0	16	13	4	17	10	8	C
A	16	4	12	17	8	9	0	0	10	437	2174	358	106	28	6	0	0	16	12	4	17	9	8	C
A	16	5	12	17	9	9	0	0	3	65	386	289	105	28	6	0	0	16	12	5	17	9	9	C
A	16	5	11	17	9	8	0	0	3	87	2765	1694	289	71	16	1	0	16	11	5	17	8	9	C
A	16	6	11	17	10	8	0	0	1	27	330	613	278	71	16	1	0	16	11	6	17	8	10	C
A	16	6	10	17	10	7	0	0	1	27	853	5120	978	177	39	2	0	16	10	6	17	7	10	C
A	16	7	10	17	11	7	0	0	1	11	168	752	660	177	39	2	0	16	10	7	17	7	11	C
A	16	7	9	17	11	6	0	0	1	11	200	3588	4369	459	95	6	0	16	9	7	17	6	11	C
A	16	8	9	17	12	6	0	0	0	5	70	494	1114	436	95	6	0	16	9	8	17	6	12	C
A	16	8	8	17	12	5	0	0	0	5	71	851	8169	1617	238	14	0	16	8	8	17	5	12	C
A	16	9	8	17	13	5	0	0	0	2	28	218	1020	977	236	14	0	16	8	9	17	5	13	C
A	16	9	7	17	13	4	0	0	0	2	28	232	3217	7202	701	35	0	16	7	9	17	4	13	C
A	16	10	7	17	14	4	0	0	0	1	11	83	511	1460	595	35	0	16	7	10	17	4	14	C
A	16	10	6	17	14	3	0	0	0	1	11	83	666	10269	3364	103	0	16	6	10	17	3	14	C
A	16	11	6	17	15	3	0	0	0	0	4	29	180	1048	1206	101	0	16	6	11	17	3	15	C
A	16	11	5	17	15	2	0	0	0	0	4	29	183	2714	11878	413	0	16	5	11	17	2	15	C
A	16	12	5	17	16	2	0	0	0	0	1	8	50	360	1172	307	0	16	5	12	17	2	16	C
A	16	12	4	17	16	1	0	0	0	0	1	8	50	425	6058	3275	0	16	4	12	17	1	16	C
A	16	13	4	17	17	1	0	0	0	0	0	2	9	65	348	564	0	16	4	13	17	1	17	C
A	16	13	3	17	17	0	0	0	0	0	0	2	9	65	564	9262	0	16	3	13	17	0	17	C
												Δτ = 8												
B	16	0	16	17	5	13	0	27	112	35	8	2	1	0	0	0	0	16	16	0	17	13	5	B
B	16	1	15	17	6	12	0	3	273	222	53	15	5	1	0	0	0	16	15	1	17	12	6	B
B	16	2	14	17	7	11	0	0	131	560	221	62	18	4	1	0	0	16	14	2	17	11	7	B
B	16	3	13	17	8	10	0	0	16	494	648	204	58	13	3	0	0	16	13	3	17	10	8	B
B	16	4	12	17	9	9	0	0	2	119	1061	577	162	35	7	0	0	16	12	4	17	9	9	B
B	16	5	11	17	10	8	0	0	1	17	686	1214	428	89	18	1	0	16	11	5	17	8	10	B
B	16	6	10	17	11	7	0	0	0	4	142	1363	1013	221	43	2	0	16	10	6	17	7	11	B
B	16	7	9	17	12	6	0	0	0	1	24	541	1672	544	105	6	0	16	9	7	17	6	12	B
B	16	8	8	17	13	5	0	0	0	0	6	86	1263	1218	262	14	0	16	8	8	17	5	13	B
B	16	9	7	17	14	4	0	0	0	0	2	16	291	1760	661	36	0	16	7	9	17	4	14	B
B	16	10	6	17	15	3	0	0	0	0	0	4	38	957	1330	104	0	16	6	10	17	3	15	B
B	16	11	5	17	16	2	0	0	0	0	0	1	6	128	1179	315	0	16	5	11	17	2	16	B
B	16	12	4	17	17	1	0	0	0	0	0	0	1	8	188	575	0	16	4	12	17	1	17	B
												Δτ = 9												
C	16	0	16	17	5	12	0	26	86	6	0	0	0	0	0	0	0	16	16	0	17	12	5	A
C	16	1	16	17	6	12	0	1	8	3	0	0	0	0	0	0	0	16	16	1	17	12	6	A
C	16	1	15	17	6	11	0	3	243	105	4	0	0	0	0	0	0	16	15	1	17	11	6	A
C	16	2	15	17	7	11	0	0	13	19	3	0	0	0	0	0	0	16	15	2	17	11	7	A
C	16	2	14	17	7	10	0	0	117	417	35	3	0	0	0	0	0	16	14	2	17	10	7	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	16	3	14	17	8	10	0	0	7	35	17	3	0	0	0	0	0	16	14	3	17	10	8	A
C	16	3	13	17	8	9	0	0	15	393	270	14	1	0	0	0	0	16	13	3	17	9	8	A
C	16	4	13	17	9	9	0	0	2	26	46	11	1	0	0	0	0	16	13	4	17	9	9	A
C	16	4	12	17	9	8	0	0	2	95	648	97	5	0	0	0	0	16	12	4	17	8	9	A
C	16	5	12	17	10	8	0	0	1	10	59	35	5	0	0	0	0	16	12	5	17	8	10	A
C	16	5	11	17	10	7	0	0	1	13	444	465	25	1	0	0	0	16	11	5	17	7	10	A
C	16	6	11	17	11	7	0	0	0	3	35	63	17	1	0	0	0	16	11	6	17	7	11	A
C	16	6	10	17	11	6	0	0	0	3	92	661	162	4	0	0	0	16	10	6	17	6	11	A
C	16	7	10	17	12	6	0	0	0	1	13	55	40	4	0	0	0	16	10	7	17	6	12	A
C	16	7	9	17	12	5	0	0	0	1	15	270	506	18	1	0	0	16	9	7	17	5	12	A
C	16	8	9	17	13	5	0	0	0	0	4	25	52	11	1	0	0	16	9	8	17	5	13	A
C	16	8	8	17	13	4	0	0	0	0	4	43	436	122	2	0	0	16	8	8	17	4	13	A
C	16	9	8	17	14	4	0	0	0	0	1	7	32	24	2	0	0	16	8	9	17	4	14	A
C	16	9	7	17	14	3	0	0	0	0	1	8	102	317	16	0	0	16	7	9	17	3	14	A
C	16	10	7	17	15	3	0	0	0	0	0	2	10	25	6	0	0	16	7	10	17	3	15	A
C	16	10	6	17	15	2	0	0	0	0	0	2	13	190	95	0	0	16	6	10	17	2	15	A
C	16	11	6	17	16	2	0	0	0	0	0	0	2	10	9	0	0	16	6	11	17	2	16	A
C	16	11	5	17	16	1	0	0	0	0	0	0	2	26	115	2	0	16	5	11	17	1	16	A
C	16	12	5	17	17	1	0	0	0	0	0	0	0	1	4	0	0	16	5	12	17	1	17	A
C	16	12	4	17	17	0	0	0	0	0	0	0	0	2	19	12	0	16	4	12	17	0	17	A
												Δτ = 10												
B	16	1	16	17	6	11	0	1	8	2	0	0	0	0	0	0	0	16	16	1	17	11	6	B
B	16	2	15	17	7	10	0	0	14	22	1	0	0	0	0	0	0	16	15	2	17	10	7	B
B	16	3	14	17	8	9	0	0	7	44	17	1	0	0	0	0	0	16	14	3	17	9	8	B
B	16	4	13	17	9	8	0	0	2	33	67	7	0	0	0	0	0	16	13	4	17	8	9	B
B	16	5	12	17	10	7	0	0	1	13	90	53	2	0	0	0	0	16	12	5	17	7	10	B
B	16	6	11	17	11	6	0	0	0	4	54	122	22	0	0	0	0	16	11	6	17	6	11	B
B	16	7	10	17	12	5	0	0	0	1	20	110	100	3	0	0	0	16	10	7	17	5	12	B
B	16	8	9	17	13	4	0	0	0	0	6	50	148	28	0	0	0	16	9	8	17	4	13	B
B	16	9	8	17	14	3	0	0	0	0	2	15	91	108	5	0	0	16	8	9	17	3	14	B
B	16	10	7	17	15	2	0	0	0	0	0	4	29	122	42	0	0	16	7	10	17	2	15	B
B	16	11	6	17	16	1	0	0	0	0	0	1	6	49	84	1	0	16	6	11	17	1	16	B
B	16	12	5	17	17	0	0	0	0	0	0	0	1	7	35	12	0	16	5	12	17	0	17	B
												Δτ = 11												
A	16	0	16	17	6	11	0	0	1	0	0	0	0	0	0	0	0	16	16	0	17	11	6	C
A	16	1	15	17	7	10	0	0	1	4	0	0	0	0	0	0	0	16	15	1	17	10	7	C
A	16	2	14	17	8	9	0	0	0	9	6	0	0	0	0	0	0	16	14	2	17	9	8	C
A	16	3	14	17	9	9	0	0	0	0	1	0	0	0	0	0	0	16	14	3	17	9	9	C
A	16	3	13	17	9	8	0	0	0	5	23	4	0	0	0	0	0	16	13	3	17	8	9	C
A	16	4	13	17	10	8	0	0	0	0	2	1	0	0	0	0	0	16	13	4	17	8	10	C
A	16	4	12	17	10	7	0	0	0	1	30	27	1	0	0	0	0	16	12	4	17	7	10	C
A	16	5	12	17	11	7	0	0	0	0	2	4	1	0	0	0	0	16	12	5	17	7	11	C
A	16	5	11	17	11	6	0	0	0	0	14	60	14	0	0	0	0	16	11	5	17	6	11	C
A	16	6	11	17	12	6	0	0	0	0	1	5	4	0	0	0	0	16	11	6	17	6	12	C
A	16	6	10	17	12	5	0	0	0	0	2	50	65	2	0	0	0	16	10	6	17	5	12	C
A	16	7	10	17	13	5	0	0	0	0	0	3	7	1	0	0	0	16	10	7	17	5	13	C
A	16	7	9	17	13	4	0	0	0	0	0	14	94	22	0	0	0	16	9	7	17	4	13	C
A	16	8	9	17	14	4	0	0	0	0	0	1	6	4	0	0	0	16	9	8	17	4	14	C
A	16	8	8	17	14	3	0	0	0	0	0	1	48	87	4	0	0	16	8	8	17	3	14	C
A	16	9	8	17	15	3	0	0	0	0	0	0	2	7	2	0	0	16	8	9	17	3	15	C
A	16	9	7	17	15	2	0	0	0	0	0	0	7	94	37	0	0	16	7	9	17	2	15	C
A	16	10	7	17	16	2	0	0	0	0	0	0	0	4	3	0	0	16	7	10	17	2	16	C
A	16	10	6	17	16	1	0	0	0	0	0	0	1	29	75	1	0	16	6	10	17	1	16	C
A	16	11	6	17	17	1	0	0	0	0	0	0	0	1	2	0	0	16	6	11	17	1	17	C
A	16	11	5	17	17	0	0	0	0	0	0	0	0	2	29	12	0	16	5	11	17	0	17	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
												Δτ = 12												
B	16	1	15	17	8	10	0	0	0	2	1	0	0	0	0	0	0	16	15	1	17	10	8	B
B	16	2	14	17	9	9	0	0	0	2	3	1	0	0	0	0	0	16	14	2	17	9	9	B
B	16	3	13	17	10	8	0	0	0	1	6	3	0	0	0	0	0	16	13	3	17	8	10	B
B	16	4	12	17	11	7	0	0	0	0	5	7	2	0	0	0	0	16	12	4	17	7	11	B
B	16	5	11	17	12	6	0	0	0	0	2	9	5	0	0	0	0	16	11	5	17	6	12	B
B	16	6	10	17	13	5	0	0	0	0	0	5	10	2	0	0	0	16	10	6	17	5	13	B
B	16	7	9	17	14	4	0	0	0	0	0	1	9	6	0	0	0	16	9	7	17	4	14	B
B	16	8	8	17	15	3	0	0	0	0	0	0	3	8	2	0	0	16	8	8	17	3	15	B
B	16	9	7	17	16	2	0	0	0	0	0	0	0	4	4	0	0	16	7	9	17	2	16	B
B	16	10	6	17	17	1	0	0	0	0	0	0	0	1	2	0	0	16	6	10	17	1	17	B
												Δτ = 13												
C	16	1	15	17	8	9	0	0	0	1	0	0	0	0	0	0	0	16	15	1	17	9	8	A
C	16	2	14	17	9	8	0	0	0	2	2	0	0	0	0	0	0	16	14	2	17	8	9	A
C	16	3	13	17	10	7	0	0	0	1	4	1	0	0	0	0	0	16	13	3	17	7	10	A
C	16	4	12	17	11	6	0	0	0	0	3	3	0	0	0	0	0	16	12	4	17	6	11	A
C	16	5	11	17	12	5	0	0	0	0	1	5	2	0	0	0	0	16	11	5	17	5	12	A
C	16	6	10	17	13	4	0	0	0	0	0	3	3	0	0	0	0	16	10	6	17	4	13	A
C	16	7	9	17	14	3	0	0	0	0	0	0	3	1	0	0	0	16	9	7	17	3	14	A
C	16	8	8	17	15	2	0	0	0	0	0	0	1	2	0	0	0	16	8	8	17	2	15	A
C	16	9	7	17	16	1	0	0	0	0	0	0	0	1	0	0	0	16	7	9	17	1	16	A
												Δτ = 14												
B	16	5	12	17	12	5	0	0	0	0	0	1	0	0	0	0	0	16	12	5	17	5	12	B
B	16	7	10	17	14	3	0	0	0	0	0	0	1	0	0	0	0	16	10	7	17	3	14	B
J=17			Δ J = 0																					
												Δτ = 1												
A	17	9	9	17	9	8	926471	925965	917666	886257	763505	467128	414828	537053	606233	653833	669118	17	9	9	17	8	9	C
C	17	9	8	17	10	8	617647	605202	566634	511562	416291	323916	496321	678193	720447	731363	732026	17	8	9	17	8	10	A
A	17	10	8	17	10	7	1143791	1143399	1136984	1112950	1024097	791457	458652	545506	635756	695778	714869	17	8	10	17	7	10	C
C	17	10	7	17	11	7	560458	550260	518743	474138	399319	308249	284786	483907	544755	559567	560458	17	7	10	17	7	11	A
A	17	11	7	17	11	6	1383987	1383682	1378694	1360106	1292957	1133167	726256	534984	651602	730338	754902	17	7	11	17	6	11	C
C	17	11	6	17	12	6	497549	489224	463535	427349	367584	297419	215759	295098	389249	410517	411765	17	6	11	17	6	12	A
A	17	12	6	17	12	5	1647059	1646823	1642965	1628626	1577416	1460612	1174108	612638	646783	756070	789216	17	6	12	17	5	12	C
C	17	12	5	17	13	5	428922	422228	401589	372592	325073	270564	203642	161151	249851	284086	285948	17	5	12	17	5	13	A
A	17	13	5	17	13	4	1933007	1932827	1929896	1919020	1880416	1794022	1597266	1016090	647697	769604	817810	17	5	13	17	4	13	C
C	17	13	4	17	14	4	354575	349354	333267	310697	273860	232069	182219	119100	129241	179898	183007	17	4	13	17	4	14	A
A	17	14	4	17	14	3	2241830	2241699	2239554	2231604	2203481	2141155	2003431	1621986	906182	764587	840686	17	4	14	17	3	14	C
C	17	14	3	17	15	3	274510	270662	258808	242191	215127	184586	148664	102491	69168	96535	102941	17	3	14	17	3	15	A
A	17	15	3	17	15	2	2573529	2573440	2571982	2566581	2547511	2505474	2413876	2175094	1632824	818462	857843	17	3	15	17	2	15	C
C	17	15	2	17	16	2	188725	186188	178373	167423	149607	129554	106109	76523	49267	37779	45752	17	2	15	17	2	16	A
A	17	16	2	17	16	1	2928105	2928053	2927210	2924090	2913084	2888894	2836552	2703238	2424195	1405113	869281	17	2	16	17	1	16	C
C	17	16	1	17	17	1	97222	95961	92077	86635	77787	67838	56234	41693	28420	13854	11438	17	1	16	17	1	17	A
A	17	17	1	17	17	0	3305556	3305538	3305260	3304228	3300590	3292601	3275356	3231748	3142915	2764900	1750000	17	1	17	17	0	17	C
												Δτ = 2												
B	17	8	9	17	9	8	669118	684544	734435	811889	977771	1371426	977771	811889	734435	684544	669118	17	9	8	17	8	9	B
B	17	9	9	17	10	8	617647	630224	670949	733962	855582	990101	952263	811788	734434	684544	669118	17	9	9	17	8	10	B
B	17	9	8	17	10	7	617647	630224	670949	733966	857013	1121913	1233621	893845	796168	734091	714869	17	8	9	17	7	10	B
B	17	10	8	17	11	7	560458	570772	604196	655859	755404	895279	1001230	891764	796157	734091	714869	17	8	10	17	7	11	B
B	17	10	7	17	11	6	560458	570772	604196	655859	755476	905160	1331637	1003755	858982	779522	754902	17	7	10	17	6	11	B
B	17	11	7	17	12	6	497549	505973	533288	575497	656497	772845	938108	966407	858672	779522	754902	17	7	11	17	6	12	B
B	17	11	6	17	12	5	497549	505973	533288	575497	656500	773358	1001885	1275770	930704	822127	789216	17	6	11	17	5	12	B
B	17	12	6	17	13	5	428922	435698	457678	491645	556690	649689	797468	977032	923627	822122	789216	17	6	12	17	5	13	B
B	17	12	5	17	13	4	428922	435698	457678	491645	556690	649712	800892	1284227	1082401	864791	817810	17	5	12	17	4	13	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓ 1.0	$\mp .95$	$\mp .8$	$\mp .6$	κ $\mp .3$	κ 0	κ $\pm .3$	$\pm .6$	$\pm .8$	$\pm .95$	± 1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	17	13	5	17	14	4	354575	359861	377012	403517	454229	526475	641842	854079	963701	864498	817810	17	5	13	17	4	14	B
B	17	13	4	17	14	3	354575	359861	377012	403517	454229	526476	641991	897299	1376693	918680	840686	17	4	13	17	3	14	B
B	17	14	4	17	15	3	274510	278406	291051	310596	347977	401141	485728	652477	871787	907581	840686	17	4	14	17	3	15	B
B	17	14	3	17	15	2	274510	278406	291051	310596	347977	401141	485733	654163	1042464	1115482	857843	17	3	14	17	2	15	B
B	17	15	3	17	16	2	188725	191295	199634	212526	237179	272217	327858	437813	618555	888185	857843	17	3	15	17	2	16	B
B	17	15	2	17	16	1	188725	191295	199634	212526	237179	272217	327858	437861	627111	1385459	869281	17	2	15	17	1	16	B
B	17	16	2	17	17	1	97222	98499	102645	109054	121311	138727	166368	220930	312992	578393	869281	17	2	16	17	1	17	B
B	17	16	1	17	17	0	97222	98499	102645	109054	121311	138727	166368	220930	313132	669745	1750000	17	1	16	17	0	17	B
												$\Delta\tau$ = 3												
A	17	8	9	17	10	8	0	72	1244	5669	22719	116474	395420	536957	606233	653833	669118	17	9	8	17	8	10	C
C	17	9	9	17	10	7	617647	605202	566634	511559	415107	246041	42396	8386	1826	105	0	17	9	9	17	7	10	A
A	17	9	8	17	11	7	0	49	843	3824	14861	47449	274845	543535	635746	695778	714869	17	8	9	17	7	11	C
C	17	10	8	17	11	6	560458	550260	518743	474137	399258	301975	108373	12834	2700	154	0	17	8	10	17	6	11	A
A	17	10	7	17	12	6	0	32	561	2537	9755	27220	109336	501437	651290	730338	754902	17	7	10	17	6	12	C
C	17	11	7	17	12	5	497549	489224	463535	427349	367582	297062	188526	25668	4094	232	0	17	7	11	17	5	12	A
A	17	11	6	17	13	5	0	21	360	1627	6216	16997	46278	317882	639664	756065	789216	17	6	11	17	5	13	C
C	17	12	6	17	13	4	428922	422228	401589	372592	325073	270547	201940	68275	7003	362	0	17	6	12	17	4	13	A
A	17	12	5	17	14	4	0	13	219	987	3752	10151	25644	109491	530337	769305	817810	17	5	12	17	4	14	C
C	17	13	5	17	14	3	354575	349354	333267	310697	273860	232068	182138	107753	18539	607	0	17	5	13	17	3	14	A
A	17	13	4	17	15	3	0	7	121	544	2061	5538	13743	40609	230214	753130	840686	17	4	13	17	3	15	C
C	17	14	4	17	15	2	274510	270662	258808	242191	215127	184586	148661	101949	45180	1306	0	17	4	14	17	2	15	A
A	17	14	3	17	16	2	0	3	56	252	953	2547	6249	17276	56681	577130	857843	17	3	14	17	2	16	C
C	17	15	3	17	16	1	188725	186188	178373	167423	149607	129554	106109	76506	47926	5046	0	17	3	15	17	1	16	A
A	17	15	2	17	17	1	0	1	17	78	296	788	1918	5187	13750	138537	869281	17	2	15	17	1	17	C
C	17	16	2	17	17	0	97222	95961	92077	86635	77787	67838	56234	41693	28393	10216	0	17	2	16	17	0	17	A
												$\Delta\tau$ = 5												
A	17	8	10	17	10	7	0	72	1244	5668	21825	35143	6786	1303	291	17	0	17	10	8	17	7	10	C
C	17	8	9	17	11	7	0	9	145	637	2484	13263	27749	8360	1825	105	0	17	9	8	17	7	11	A
A	17	9	9	17	11	6	0	49	843	3824	14826	37802	25154	2823	594	35	0	17	9	9	17	6	11	C
C	17	9	8	17	12	6	0	4	72	312	1145	3611	19646	12150	2699	154	0	17	8	9	17	6	12	A
A	17	10	8	17	12	5	0	32	561	2537	9753	26762	48959	8368	1274	73	0	17	8	10	17	5	12	C
C	17	10	7	17	13	5	0	2	35	149	532	1395	5557	14926	4055	232	0	17	7	10	17	5	13	A
A	17	11	7	17	13	4	0	21	360	1627	6216	16980	41421	32436	3223	164	0	17	7	11	17	4	13	C
C	17	11	6	17	14	4	0	1	16	67	235	588	1487	9019	5916	362	0	17	6	11	17	4	14	A
A	17	12	6	17	14	3	0	13	219	987	3752	10150	25471	54493	13393	416	0	17	6	12	17	3	14	C
C	17	12	5	17	15	3	0	0	6	27	94	229	512	1960	5953	598	0	17	5	12	17	3	15	A
A	17	13	5	17	15	2	0	7	121	544	2061	5538	13738	37447	45078	1468	0	17	5	13	17	2	15	C
C	17	13	4	17	16	2	0	0	2	9	31	73	158	386	1800	968	0	17	4	13	17	2	16	A
A	17	14	4	17	16	1	0	3	56	252	953	2547	6248	17205	40461	10280	0	17	4	14	17	1	16	C
C	17	14	3	17	17	1	0	0	0	2	6	15	32	69	176	751	0	17	3	14	17	1	17	A
A	17	15	3	17	17	0	0	1	17	78	296	788	1918	5186	13456	29630	0	17	3	15	17	0	17	C
												$\Delta\tau$ = 6												
B	17	7	10	17	10	7	0	18	324	1629	10467	56074	10467	1629	324	18	0	17	10	7	17	7	10	B
B	17	8	10	17	11	7	0	9	161	796	3683	9660	7081	1625	324	18	0	17	10	8	17	7	11	B
B	17	8	9	17	11	6	0	9	161	796	3828	26241	37374	3533	660	36	0	17	9	8	17	6	11	B
B	17	9	9	17	12	6	0	4	80	390	1758	5853	9842	3351	660	36	0	17	9	9	17	6	12	B
B	17	9	8	17	12	5	0	4	80	390	1762	7242	50229	10475	1416	75	0	17	8	9	17	5	12	B
B	17	10	8	17	13	5	0	2	39	186	818	2747	7817	6346	1402	75	0	17	8	10	17	5	13	B
B	17	10	7	17	13	4	0	2	39	186	818	2792	15856	38674	3584	169	0	17	7	10	17	4	13	B
B	17	11	7	17	14	4	0	1	17	84	362	1176	3830	8096	3044	169	0	17	7	11	17	4	14	B
B	17	11	6	17	14	3	0	1	17	84	362	1177	4255	41658	14823	427	0	17	6	11	17	3	14	B
B	17	12	6	17	15	3	0	0	7	34	145	457	1455	5217	5338	421	0	17	6	12	17	3	15	B
B	17	12	5	17	15	2	0	0	7	34	145	457	1464	9795	43580	1506	0	17	5	12	17	2	15	B
B	17	13	5	17	16	2	0	0	2	11	47	147	450	1787	4565	1121	0	17	5	13	17	2	16	B
B	17	13	4	17	16	1	0	0	2	11	47	147	450	1931	17681	10485	0	17	4	13	17	1	16	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	17	14	4	17	17	1	0	0	0	2	10	30	90	343	1275	1812	0	17	4	14	17	1	17	B
B	17	14	3	17	17	0	0	0	0	2	10	30	90	344	1757	25384	0	17	3	14	17	0	17	B
												Δτ = 7												
A	17	7	10	17	11	7	0	0	0	9	212	3678	4563	1299	291	17	0	17	10	7	17	7	11	C
C	17	8	10	17	11	6	0	9	145	637	2390	4655	1125	27	1	0	0	17	10	8	17	6	11	A
A	17	8	9	17	12	6	0	0	0	3	55	983	5979	2677	594	35	0	17	9	8	17	6	12	C
C	17	9	9	17	12	5	0	4	72	312	1142	2911	2959	114	3	0	0	17	9	9	17	5	12	A
A	17	9	8	17	13	5	0	0	0	1	18	183	3245	5035	1262	73	0	17	8	9	17	5	13	C
C	17	10	8	17	13	4	0	2	35	149	532	1372	2687	636	12	0	0	17	8	10	17	4	13	A
A	17	10	7	17	14	4	0	0	0	0	6	48	605	6000	2735	164	0	17	7	10	17	4	14	C
C	17	11	7	17	14	3	0	1	16	67	235	588	1337	1450	75	0	0	17	7	11	17	3	14	A
A	17	11	6	17	15	3	0	0	0	0	2	13	102	2468	4734	411	0	17	6	11	17	3	15	C
C	17	12	6	17	15	2	0	0	6	27	94	229	509	1033	381	1	0	17	6	12	17	2	15	A
A	17	12	5	17	16	2	0	0	0	0	0	3	20	295	3486	1093	0	17	5	12	17	2	16	C
C	17	13	5	17	16	1	0	0	2	9	31	73	157	357	443	8	0	17	5	13	17	1	16	A
A	17	13	4	17	17	1	0	0	0	0	0	0	3	25	444	1749	0	17	4	13	17	1	17	C
C	17	14	4	17	17	0	0	0	0	2	6	15	32	69	127	38	0	17	4	14	17	0	17	A
												Δτ = 9												
A	17	7	11	17	11	6	0	0	0	9	143	478	121	3	0	0	0	17	11	7	17	6	11	C
C	17	7	10	17	12	6	0	0	0	1	16	270	280	26	1	0	0	17	10	7	17	6	12	A
A	17	8	10	17	12	5	0	0	0	3	53	353	451	18	1	0	0	17	10	8	17	5	12	C
C	17	8	9	17	13	5	0	0	0	0	3	50	282	69	3	0	0	17	9	8	17	5	13	A
A	17	9	9	17	13	4	0	0	0	1	18	148	550	138	3	0	0	17	9	9	17	4	13	C
C	17	9	8	17	14	4	0	0	0	0	1	6	102	125	10	0	0	17	8	9	17	4	14	A
A	17	10	8	17	14	3	0	0	0	0	6	47	295	450	23	0	0	17	8	10	17	3	14	C
C	17	10	7	17	15	3	0	0	0	0	0	1	12	101	27	0	0	17	7	10	17	3	15	A
A	17	11	7	17	15	2	0	0	0	0	2	13	91	433	172	0	0	17	7	11	17	2	15	C
C	17	11	6	17	16	2	0	0	0	0	0	0	1	23	34	0	0	17	6	11	17	2	16	A
A	17	12	6	17	16	1	0	0	0	0	0	3	20	156	299	5	0	17	6	12	17	1	16	C
C	17	12	5	17	17	1	0	0	0	0	0	0	0	1	11	1	0	17	5	12	17	1	17	A
A	17	13	5	17	17	0	0	0	0	0	0	0	3	23	112	42	0	17	5	13	17	0	17	C
												Δτ = 10												
B	17	6	11	17	11	6	0	0	0	4	186	927	186	4	0	0	0	17	11	6	17	6	11	B
B	17	7	11	17	12	6	0	0	0	1	17	72	47	4	0	0	0	17	11	7	17	6	12	B
B	17	7	10	17	12	5	0	0	0	1	25	539	691	22	1	0	0	17	10	7	17	5	12	B
B	17	8	10	17	13	5	0	0	0	0	4	36	70	13	1	0	0	17	10	8	17	5	13	B
B	17	8	9	17	13	4	0	0	0	0	5	99	795	172	3	0	0	17	9	8	17	4	13	B
B	17	9	9	17	14	4	0	0	0	0	1	10	50	34	3	0	0	17	9	9	17	4	14	B
B	17	9	8	17	14	3	0	0	0	0	1	13	291	560	26	0	0	17	8	9	17	3	14	B
B	17	10	8	17	15	3	0	0	0	0	0	2	17	42	9	0	0	17	8	10	17	3	15	B
B	17	10	7	17	15	2	0	0	0	0	0	2	34	503	191	0	0	17	7	10	17	2	15	B
B	17	11	7	17	16	2	0	0	0	0	0	0	3	20	17	0	0	17	7	11	17	2	16	B
B	17	11	6	17	16	1	0	0	0	0	0	0	3	116	329	5	0	17	6	11	17	1	16	B
B	17	12	6	17	17	1	0	0	0	0	0	0	0	3	9	1	0	17	6	12	17	1	17	B
B	17	12	5	17	17	0	0	0	0	0	0	0	0	6	106	43	0	17	5	12	17	0	17	B
												Δτ = 11												
A	17	6	11	17	12	6	0	0	0	0	3	35	30	3	0	0	0	17	11	6	17	6	12	C
C	17	7	11	17	12	5	0	0	0	1	11	36	14	0	0	0	0	17	11	7	17	5	12	A
A	17	7	10	17	13	5	0	0	0	0	0	14	45	11	1	0	0	17	10	7	17	5	13	C
C	17	8	10	17	13	4	0	0	0	0	3	18	24	1	0	0	0	17	10	8	17	4	13	A
A	17	8	9	17	14	4	0	0	0	0	0	2	31	27	2	0	0	17	9	8	17	4	14	C
C	17	9	9	17	14	3	0	0	0	0	1	5	17	6	0	0	0	17	9	9	17	3	14	A
A	17	9	8	17	15	3	0	0	0	0	0	0	7	34	8	0	0	17	8	9	17	3	15	C
C	17	10	8	17	15	2	0	0	0	0	0	1	6	8	1	0	0	17	8	10	17	2	15	A
A	17	10	7	17	16	2	0	0	0	0	0	0	0	15	15	0	0	17	7	10	17	2	16	C

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 17 11 7 17 16 1	0	0	0	0	0	0	1	4	2	0	0	17 7 11 17 1 16 A
A 17 11 6 17 17 1	0	0	0	0	0	0	0	1	8	1	0	17 6 11 17 1 17 C
C 17 12 6 17 17 0	0	0	0	0	0	0	0	1	1	0	0	17 6 12 17 0 17 A
						$\Delta\tau$ = 13						
A 17 6 12 17 12 5	0	0	0	0	1	3	1	0	0	0	0	17 12 6 17 5 12 C
C 17 6 11 17 13 5	0	0	0	0	0	2	1	0	0	0	0	17 11 6 17 5 13 A
A 17 7 11 17 13 4	0	0	0	0	0	2	3	0	0	0	0	17 11 7 17 4 13 C
C 17 7 10 17 14 4	0	0	0	0	0	0	1	0	0	0	0	17 10 7 17 4 14 A
A 17 8 10 17 14 3	0	0	0	0	0	1	3	1	0	0	0	17 10 8 17 3 14 C
C 17 8 9 17 15 3	0	0	0	0	0	0	1	0	0	0	0	17 9 8 17 3 15 A
A 17 9 9 17 15 2	0	0	0	0	0	0	1	2	0	0	0	17 9 9 17 2 15 C
A 17 10 8 17 16 1	0	0	0	0	0	0	0	1	1	0	0	17 8 10 17 1 16 C
						$\Delta\tau$ = 14						
B 17 5 12 17 12 5	0	0	0	0	2	5	2	0	0	0	0	17 12 5 17 5 12 B
B 17 6 11 17 13 4	0	0	0	0	0	4	4	0	0	0	0	17 11 6 17 4 13 B
B 17 7 10 17 14 3	0	0	0	0	0	1	4	1	0	0	0	17 10 7 17 3 14 B
B 17 8 9 17 15 2	0	0	0	0	0	0	2	2	0	0	0	17 9 8 17 2 15 B
B 17 9 8 17 16 1	0	0	0	0	0	0	0	2	1	0	0	17 8 9 17 1 16 B
J=17 Δ J = 1												
						$\Delta\tau$ = 0						
B 17 9 8 18 10 9	1050000	1035246	986709	909100	746264	512945	589446	800907	897736	957076	975000	17 8 9 18 9 10 B
B 17 10 7 18 11 8	1127778	1115607	1075729	1012698	885350	678283	487943	682541	807164	880782	902778	17 7 10 18 8 11 B
B 17 11 6 18 12 7	1208333	1198348	1165720	1114513	1013174	857230	582691	551080	711753	805797	833333	17 6 11 18 7 12 B
B 17 12 5 18 13 6	1291667	1283589	1257244	1216088	1135621	1015845	803738	497888	605330	730992	766667	17 5 12 18 6 13 B
B 17 13 4 18 14 5	1377778	1371408	1350662	1318356	1255669	1164045	1009779	666507	507980	653831	702778	17 4 13 18 5 14 B
B 17 14 3 18 15 4	1466667	1461860	1446219	1421919	1375002	1307162	1195895	955373	583994	569766	641667	17 3 14 18 4 15 B
B 17 15 2 18 16 3	1558333	1554982	1544087	1527187	1494668	1447963	1372439	1216552	921273	528533	583333	17 2 15 18 3 16 B
B 17 16 1 18 17 2	1652778	1650803	1644388	1634448	1615365	1588072	1544288	1455843	1297725	788652	527778	17 1 16 18 2 17 B
B 17 17 0 18 18 1	1750000	1749344	1747213	1743913	1737581	1728534	1714056	1685002	1634177	1441448	950000	17 0 17 18 1 18 B
						$\Delta\tau$ = 1						
C 17 0 17 18 1 17	950000	426531	265629	227465	208086	200317	196699	195048	194579	194452	194444	17 17 0 18 17 1 A
C 17 1 17 18 2 17	527778	387565	265597	227465	208086	200317	196699	195048	194579	194452	194444	17 17 1 18 17 2 A
C 17 1 16 18 2 16	527778	857135	516264	441869	404257	389177	382154	378949	378039	377793	377778	17 16 1 18 16 2 A
C 17 2 16 18 3 16	583333	625858	513879	441863	404257	389177	382154	378949	378039	377793	377778	17 16 2 18 16 3 A
C 17 2 15 18 3 15	583333	774542	788322	643286	588531	566578	556363	551702	550379	550022	550000	17 15 2 18 15 3 A
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C 17 4 13 18 5 13	702778	749041	937068	1071264	921505	887019	871036	863764	861702	861145	861111	17 13 4 18 13 5 A
C 17 5 13 18 6 13	766667	800996	900553	966564	921111	887018	871036	863764	861702	861145	861111	17 13 5 18 13 6 A
C 17 5 12 18 6 12	766667	801001	906836	1155495	1075714	1030060	1011494	1003068	1000683	1000039	1000000	17 12 5 18 12 6 A
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C 17 6 11 18 7 11	833333	860096	941070	1071203	1260845	1161709	1140689	1131218	1128543	1127822	1127778	17 11 6 18 11 7 A
C 17 7 11 18 8 11	902778	924269	989462	1078705	1172691	1160950	1140687	1131218	1128543	1127822	1127778	17 11 7 18 11 8 A
C 17 7 10 18 8 10	902778	924269	989475	1080876	1312908	1291835	1258578	1248205	1245280	1244493	1244444	17 10 7 18 10 8 A
C 17 8 10 18 9 10	975000	992569	1046050	1120063	1231578	1274164	1258536	1248205	1245280	1244493	1244444	17 10 8 18 10 9 A
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C 17 9 8 18 10 8	1050000	1064492	1108724	1170018	1270291	1433922	1474119	1448580	1445366	1444498	1444444	17 8 9 18 8 10 A
C 17 10 8 18 11 8	1127778	1139749	1176365	1227170	1309245	1398073	1451374	1448558	1445366	1444498	1444444	17 8 10 18 8 11 A
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C 17 11 7 18 12 7	1208333	1218165	1248285	1290145	1357711	1433383	1509088	1531175	1528685	1527830	1527778	17 7 11 18 7 12 A
C 17 11 6 18 12 6	1208333	1218165	1248285	1290145	1357716	1434053	1547989	1612651	1600773	1600047	1600000	17 6 11 18 6 12 A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	17	12	6	18	13	6	1291667	1299626	1324043	1358030	1412901	1474341	1544725	1597677	1600745	1600047	1600000	17	6	12	18	6	13	A
C	17	12	5	18	13	5	1291667	1299626	1324043	1358030	1412901	1474381	1548192	1673285	1661954	1661139	1661111	17	5	12	18	5	13	A
C	17	13	5	18	14	5	1377778	1384058	1403343	1430225	1473668	1522247	1578758	1641716	1660714	1661139	1661111	17	5	13	18	5	14	A
C	17	13	4	18	14	4	1377778	1384058	1403343	1430225	1473668	1522249	1578986	1663776	1718607	1711072	1711111	17	4	13	18	4	14	A
C	17	14	4	18	15	4	1466667	1471408	1485980	1506319	1539225	1576026	1618783	1671498	1705068	1711068	1711111	17	4	14	18	4	15	A
C	17	14	3	18	15	3	1466667	1471408	1485980	1506319	1539225	1576026	1618794	1673205	1740669	1749873	1750000	17	3	14	18	3	15	A
C	17	15	3	18	16	3	1558333	1561640	1571809	1586016	1609032	1634792	1664702	1701978	1733597	1749506	1750000	17	3	15	18	3	16	A
C	17	15	2	18	16	2	1558333	1561640	1571809	1586016	1609032	1634792	1664702	1702069	1738643	1778748	1777778	17	2	15	18	2	16	A
C	17	16	2	18	17	2	1652778	1654726	1660722	1669105	1682700	1697931	1715624	1737668	1757475	1775466	1777778	17	2	16	18	2	17	A
C	17	16	1	18	17	1	1652778	1654726	1660722	1669105	1682700	1697931	1715624	1737671	1757722	1787763	1794444	17	1	16	18	1	17	A
C	17	17	1	18	18	1	1750000	1750647	1752639	1755425	1759943	1765005	1770885	1778205	1784810	1792273	1794444	17	1	17	18	1	18	A
C	17	17	0	18	18	0	1750000	1750647	1752639	1755425	1759943	1765005	1770885	1778205	1784816	1793136	1800000	17	0	17	18	0	18	A
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B	17	1	17	18	2	16	527778	80807	12868	7491	5086	4067	3492	3116	2930	2813	2778	17	17	1	18	16	2	B
B	17	2	16	18	3	15	583333	370495	45351	23028	15398	12243	10484	9349	8789	8439	8333	17	16	2	18	15	3	B
B	17	3	15	18	4	14	641667	561101	158456	47882	31087	24562	20980	18694	17574	16877	16667	17	15	3	18	14	4	B
B	17	4	14	18	5	13	702778	653574	414776	100473	52274	41038	34964	31134	29274	28124	27778	17	14	4	18	13	5	B
B	17	5	13	18	6	12	766667	730987	598553	267337	79801	61603	52386	46637	43873	42175	41667	17	13	5	18	12	6	B
B	17	6	12	18	7	11	833333	805797	711407	516368	135672	85981	73112	65135	61337	59023	58333	17	12	6	18	11	7	B
B	17	7	11	18	8	10	902778	880782	807151	680063	308024	116031	96804	86493	81602	78651	77778	17	11	7	18	10	8	B
B	17	8	10	18	9	9	975000	957076	897735	800764	562658	190336	122718	110432	104553	101032	100000	17	10	8	18	9	9	B
B	17	9	9	18	10	8	1050000	1035246	986709	909094	744199	403954	155827	136338	129958	126114	125000	17	9	9	18	8	10	B
B	17	10	8	18	11	7	1127778	1115607	1075729	1012698	885219	665534	258567	162916	157338	153794	152778	17	8	10	18	7	11	B
B	17	11	7	18	12	6	1208333	1198348	1165720	1114513	1013168	856277	521629	195858	185601	183862	183333	17	7	11	18	6	12	B
B	17	12	6	18	13	5	1291667	1283589	1257244	1216088	1135621	1015788	798014	312227	212931	215836	216667	17	6	12	18	5	13	B
B	17	13	5	18	14	4	1377778	1371408	1350662	1318356	1255669	1164042	1009393	620654	262406	248492	252778	17	5	13	18	4	14	B
B	17	14	4	18	15	3	1466667	1461860	1446219	1421919	1375002	1307162	1195876	951629	474777	279821	291667	17	4	14	18	3	15	B
B	17	15	3	18	16	2	1558333	1554982	1544087	1527187	1494668	1447963	1372438	1216349	905993	353980	333333	17	3	15	18	2	16	B
B	17	16	2	18	17	1	1652778	1650803	1644388	1634448	1615365	1588072	1544288	1455836	1296948	715662	377778	17	2	16	18	1	17	B
B	17	17	1	18	18	0	1750000	1749344	1747213	1743913	1737581	1728534	1714056	1685002	1634158	1436021	850000	17	1	17	18	0	18	B
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A	17	0	17	18	2	16	0	1855	1299	1505	1784	2036	2271	2494	2638	2743	2778	17	17	0	18	16	2	C
A	17	1	17	18	3	16	0	631	1285	1505	1784	2036	2271	2494	2638	2743	2778	17	17	1	18	16	3	C
A	17	1	16	18	3	15	0	3046	4687	4683	5433	6151	6834	7490	7916	8230	8333	17	16	1	18	15	3	C
A	17	2	16	18	4	15	0	751	3881	4675	5433	6151	6834	7490	7916	8230	8333	17	16	2	18	15	4	C
A	17	2	15	18	4	14	0	1003	14520	10012	11096	12418	13725	15003	15840	16461	16667	17	15	2	18	14	4	C
A	17	3	15	18	5	14	0	515	6181	9701	11095	12418	13725	15003	15840	16461	16667	17	15	3	18	14	5	C
A	17	3	14	18	5	13	0	522	14626	21664	19072	20978	23013	25063	26424	27440	27778	17	14	3	18	13	5	C
A	17	4	14	18	6	13	0	352	5868	15570	19035	20978	23013	25063	26424	27440	27778	17	14	4	18	13	6	C
A	17	4	13	18	6	12	0	352	6853	41522	30357	32086	34820	37720	39687	41171	41667	17	13	4	18	12	6	C
A	17	5	13	18	7	12	0	256	4484	17865	29391	32079	34820	37720	39687	41171	41667	17	13	5	18	12	7	C
A	17	5	12	18	7	11	0	256	4526	27513	53866	46278	49364	53066	55670	57663	58333	17	12	5	18	11	7	C
A	17	6	12	18	8	11	0	195	3404	15370	39660	46112	49363	53066	55670	57663	58333	17	12	6	18	11	8	C
A	17	6	11	18	8	10	0	195	3405	16150	86727	66247	67058	71265	74442	76933	77778	17	11	6	18	10	8	C
A	17	7	11	18	9	10	0	153	2655	12092	42182	62676	67032	71265	74442	76933	77778	17	11	7	18	10	9	C
A	17	7	10	18	9	9	0	153	2655	12126	58312	111295	88861	92613	96126	99007	100000	17	10	7	18	9	9	C
A	17	8	10	18	10	9	0	122	2110	9555	36245	75497	88297	92611	96126	99007	100000	17	10	8	18	9	10	C
A	17	8	9	18	10	8	0	122	2110	9557	37527	140104	121793	117681	120951	123939	125000	17	9	8	18	8	10	C
A	17	9	9	18	11	8	0	98	1693	7635	29008	73520	111216	117639	120951	123939	125000	17	9	9	18	8	11	C
A	17	9	8	18	11	7	0	98	1693	7635	29070	87702	196069	147873	149356	151828	152778	17	8	9	18	7	11	C
A	17	10	8	18	12	7	0	78	1359	6118	23084	61019	123010	146953	149351	151828	152778	17	8	10	18	7	12	C
A	17	10	7	18	12	6	0	78	1359	6118	23087	61899	195056	194232	182264	182878	183333	17	7	10	18	6	12	C
A	17	11	7	18	13	6	0	63	1084	4871	18298	48216	111038	177024	182123	182878	183333	17	7	11	18	6	13	C
A	17	11	6	18	13	5	0	63	1084	4871	18298	48257	121079	299038	222837	217522	216667	17	6	11	18	5	13	C
A	17	12	6	18	14	5	0	49	849	3813	14289	37449	87949	186735	219451	217520	216667	17	6	12	18	5	14	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	17	12	5	18	14	4	0	49	849	3813	14289	37450	88439	277589	303779	256830	252778	17	5	12	18	4	14	C
A	17	13	5	18	15	4	0	37	644	2892	10822	28272	66115	158398	248801	256690	252778	17	5	13	18	4	15	C
A	17	13	4	18	15	3	0	37	644	2892	10822	28272	66135	168515	426470	305648	291667	17	4	13	18	3	15	C
A	17	14	4	18	16	3	0	27	461	2072	7747	20204	47070	114573	228586	300248	291667	17	4	14	18	3	16	C
A	17	14	3	18	16	2	0	27	461	2072	7747	20204	47071	114951	285855	425728	333333	17	3	14	18	2	16	C
A	17	15	3	18	17	2	0	17	296	1328	4962	12931	30068	72984	156600	317847	333333	17	3	15	18	2	17	C
A	17	15	2	18	17	1	0	17	296	1328	4962	12931	30068	72994	159217	558659	377778	17	2	15	18	1	17	C
A	17	16	2	18	18	1	0	8	143	641	2397	6244	14509	35153	75919	209870	377778	17	2	16	18	1	18	C
A	17	16	1	18	18	0	0	8	143	641	2397	6244	14509	35153	75962	247639	850000	17	1	16	18	0	18	C
												$\Delta\tau =$ 4												
B	17	0	17	18	3	16	0	20859	12720	7490	5086	4067	3492	3116	2930	2813	2778	17	17	0	18	16	3	B
B	17	1	16	18	4	15	0	8006	36521	22987	15397	12243	10484	9349	8789	8439	8333	17	16	1	18	15	4	B
B	17	2	15	18	5	14	0	1290	42102	46151	31083	24562	20980	18694	17574	16877	16667	17	15	2	18	14	5	B
B	17	3	14	18	6	13	0	414	14059	65011	52154	41037	34964	31134	29274	28124	27778	17	14	3	18	13	6	B
B	17	4	13	18	7	12	0	186	3886	41802	76651	61587	52386	46637	43873	42175	41667	17	13	4	18	12	7	B
B	17	5	12	18	8	11	0	95	1768	12537	87331	85591	73110	65135	61337	59023	58333	17	12	5	18	11	8	B
B	17	6	11	18	9	10	0	52	955	4970	49558	107842	96757	86492	81602	78651	77778	17	11	6	18	10	9	B
B	17	7	10	18	10	9	0	30	547	2705	16099	99531	121699	110430	104553	101032	100000	17	10	7	18	9	10	B
B	17	8	9	18	11	8	0	18	324	1575	7188	44121	137151	136277	129958	126114	125000	17	9	8	18	8	11	B
B	17	9	8	18	12	7	0	11	194	936	4071	15249	101905	161580	157332	153794	152778	17	8	9	18	7	12	B
B	17	10	7	18	13	6	0	6	116	556	2374	7586	36945	171314	185426	183862	183333	17	7	10	18	6	13	B
B	17	11	6	18	14	5	0	4	68	324	1367	4230	13638	114011	208683	215833	216667	17	6	11	18	5	14	B
B	17	12	5	18	15	4	0	2	38	180	755	2298	6764	36172	192052	248341	252778	17	5	12	18	4	15	B
B	17	13	4	18	16	3	0	1	19	92	383	1155	3315	12036	83246	273868	291667	17	4	13	18	3	16	B
B	17	14	3	18	17	2	0	0	8	40	165	494	1397	4695	18830	229261	333333	17	3	14	18	2	17	B
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C	17	1	17	18	4	15	0	1343	938	294	94	36	13	3	1	0	0	17	17	1	18	15	4	A
C	17	1	16	18	4	14	0	7742	10231	1473	433	164	59	15	3	0	0	17	16	1	18	14	4	A
C	17	2	16	18	5	14	0	937	3487	1424	433	164	59	15	3	0	0	17	16	2	18	14	5	A
C	17	2	15	18	5	13	0	1258	30531	5931	1277	466	166	43	9	1	0	17	15	2	18	13	5	A
C	17	3	15	18	6	13	0	398	4563	4057	1275	466	166	43	9	1	0	17	15	3	18	13	6	A
C	17	3	14	18	6	12	0	404	12572	24877	3177	1082	377	97	21	1	0	17	14	3	18	12	6	A
C	17	4	14	18	7	12	0	181	2977	6795	3064	1082	377	97	21	1	0	17	14	4	18	12	7	A
C	17	4	13	18	7	11	0	181	3505	30604	8814	2262	763	193	42	2	0	17	13	4	18	11	7	A
C	17	5	13	18	8	11	0	92	1578	6130	6095	2253	763	193	42	2	0	17	13	5	18	11	8	A
C	17	5	12	18	8	10	0	92	1593	10075	28258	4631	1442	358	78	4	0	17	12	5	18	10	8	A
C	17	6	12	18	9	10	0	51	860	3785	8431	4345	1441	358	78	4	0	17	12	6	18	10	9	A
C	17	6	11	18	9	9	0	51	860	3990	29819	11972	2637	633	137	8	0	17	11	6	18	9	9	A
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C	17	7	10	18	10	8	0	29	493	2167	10565	30653	5067	1094	234	13	0	17	10	7	18	8	10	A
C	17	8	10	18	11	8	0	17	291	1260	4524	8311	4547	1094	234	13	0	17	10	8	18	8	11	A
C	17	8	9	18	11	7	0	17	291	1261	4700	21483	13205	1888	394	22	0	17	9	8	18	7	11	A
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C	17	9	8	18	12	6	0	10	175	749	2653	7725	26174	3511	667	38	0	17	8	9	18	6	12	A
C	17	10	8	18	13	6	0	6	104	445	1545	3756	6589	3137	667	38	0	17	8	10	18	6	13	A
C	17	10	7	18	13	5	0	6	104	445	1545	3818	12958	9134	1163	64	0	17	7	10	18	5	13	A
C	17	11	7	18	14	5	0	4	61	259	889	2119	4359	4411	1142	64	0	17	7	11	18	5	14	A
C	17	11	6	18	14	4	0	4	61	259	889	2121	4835	17037	2422	112	0	17	6	11	18	4	14	A
C	17	12	6	18	15	4	0	2	34	144	491	1150	2365	3990	1877	112	0	17	6	12	18	4	15	A
C	17	12	5	18	15	3	0	2	34	144	491	1150	2380	7276	7160	212	0	17	5	12	18	3	15	A
C	17	13	5	18	16	3	0	1	17	73	249	578	1162	2254	2246	208	0	17	5	13	18	3	16	A
C	17	13	4	18	16	2	0	1	17	73	249	578	1163	2433	7455	536	0	17	4	13	18	2	16	A
C	17	14	4	18	17	2	0	0	7	32	107	247	489	939	1391	372	0	17	4	14	18	2	17	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 17 14 3 18 17 1	0	0	7	32	107	247	489	942	1901	2056	0	17 3 14 18 1 17 A
C 17 15 3 18 18 1	0	0	2	9	31	72	140	263	414	349	0	17 3 15 18 1 18 A
C 17 15 2 18 18 0	0	0	2	9	31	72	140	263	423	1265	0	17 2 15 18 0 18 A
						$\Delta\tau$ = 6						
B 17 1 17 18 4 14	0	1357	317	29	6	2	1	0	0	0	0	17 17 1 18 14 4 B
B 17 2 16 18 5 13	0	960	2991	278	42	12	4	1	0	0	0	17 16 2 18 13 5 B
B 17 3 15 18 6 12	0	408	4932	2281	179	49	15	3	1	0	0	17 15 3 18 12 6 B
B 17 4 14 18 7 11	0	186	3297	7302	792	155	44	10	2	0	0	17 14 4 18 11 7 B
B 17 5 13 18 8 10	0	95	1752	7511	4241	467	120	26	5	0	0	17 13 5 18 10 8 B
B 17 6 12 18 9 9	0	52	955	4712	10998	1775	309	64	13	1	0	17 12 6 18 9 9 B
B 17 7 11 18 10 8	0	30	547	2697	10767	7779	835	153	30	2	0	17 11 7 18 8 10 B
B 17 8 10 18 11 7	0	18	324	1574	6913	14759	3181	363	70	4	0	17 10 8 18 7 11 B
B 17 9 9 18 12 6	0	11	194	936	4062	12255	11992	946	163	9	0	17 9 9 18 6 12 B
B 17 10 8 18 13 5	0	6	116	556	2373	7462	17336	3663	398	21	0	17 8 10 18 5 13 B
B 17 11 7 18 14 4	0	4	68	324	1367	4226	12245	13980	1215	52	0	17 7 11 18 4 14 B
B 17 12 6 18 15 3	0	2	38	180	755	2298	6720	18523	6000	149	0	17 6 12 18 3 15 B
B 17 13 5 18 16 2	0	1	19	92	383	1155	3314	11117	17654	613	0	17 5 13 18 2 16 B
B 17 14 4 18 17 1	0	0	8	40	165	494	1397	4676	13525	4733	0	17 4 14 18 1 17 B
B 17 15 3 18 18 0	0	0	2	12	48	143	401	1313	4130	12076	0	17 3 15 18 0 18 B
						$\Delta\tau$ = 7						
A 17 0 17 18 4 14	0	28	32	6	2	1	0	0	0	0	0	17 17 0 18 14 4 C
A 17 1 17 18 5 14	0	1	11	6	2	1	0	0	0	0	0	17 17 1 18 14 5 C
A 17 1 16 18 5 13	0	6	291	56	15	6	2	1	0	0	0	17 16 1 18 13 5 C
A 17 2 16 18 6 13	0	0	33	38	15	6	2	1	0	0	0	17 16 2 18 13 6 C
A 17 2 15 18 6 12	0	1	353	454	63	24	9	3	1	0	0	17 15 2 18 12 6 C
A 17 3 15 18 7 12	0	0	29	114	61	24	9	3	1	0	0	17 15 3 18 12 7 C
A 17 3 14 18 7 11	0	0	81	1321	277	78	29	8	2	0	0	17 14 3 18 11 7 C
A 17 4 14 18 8 11	0	0	13	151	190	77	29	8	2	0	0	17 14 4 18 11 8 C
A 17 4 13 18 8 10	0	0	15	759	1472	234	78	21	5	0	0	17 13 4 18 10 8 C
A 17 5 13 18 9 10	0	0	5	97	395	219	78	21	5	0	0	17 13 5 18 10 9 C
A 17 5 12 18 9 9	0	0	5	160	3359	888	201	52	12	1	0	17 12 5 18 9 9 C
A 17 6 12 18 10 9	0	0	2	43	438	524	200	52	12	1	0	17 12 6 18 9 10 C
A 17 6 11 18 10 8	0	0	2	45	1729	3805	543	122	27	2	0	17 11 6 18 8 10 C
A 17 7 11 18 11 8	0	0	1	18	270	846	486	122	27	2	0	17 11 7 18 8 11 C
A 17 7 10 18 11 7	0	0	1	18	400	5730	2066	291	63	4	0	17 10 7 18 7 11 C
A 17 8 10 18 12 7	0	0	0	8	123	754	1005	289	63	4	0	17 10 8 18 7 12 C
A 17 8 9 18 12 6	0	0	0	8	128	2081	7426	758	146	8	0	17 9 8 18 6 12 C
A 17 9 9 18 13 6	0	0	0	3	52	403	1335	676	146	8	0	17 9 9 18 6 13 C
A 17 9 8 18 13 5	0	0	0	3	52	499	7340	2928	359	20	0	17 8 9 18 5 13 C
A 17 10 8 18 14 5	0	0	0	1	22	170	957	1354	352	20	0	17 8 10 18 5 14 C
A 17 10 7 18 14 4	0	0	0	1	22	173	1952	10558	1094	51	0	17 7 10 18 4 14 C
A 17 11 7 18 15 4	0	0	0	1	9	66	424	1657	843	51	0	17 7 11 18 4 15 C
A 17 11 6 18 15 3	0	0	0	1	9	66	471	8921	5367	145	0	17 6 11 18 3 15 C
A 17 12 6 18 16 3	0	0	0	0	3	24	148	981	1505	143	0	17 6 12 18 3 16 C
A 17 12 5 18 16 2	0	0	0	0	3	24	149	1846	13709	598	0	17 5 12 18 2 16 C
A 17 13 5 18 17 2	0	0	0	0	1	7	42	310	1216	413	0	17 5 13 18 2 17 C
A 17 13 4 18 17 1	0	0	0	0	1	7	42	335	4756	4587	0	17 4 13 18 1 17 C
A 17 14 4 18 18 1	0	0	0	0	0	1	8	56	316	673	0	17 4 14 18 1 18 C
A 17 14 3 18 18 0	0	0	0	0	0	1	8	56	436	9814	0	17 3 14 18 0 18 C
						$\Delta\tau$ = 8						
B 17 0 17 18 5 14	0	37	105	28	6	2	1	0	0	0	0	17 17 0 18 14 5 B
B 17 1 16 18 6 13	0	5	316	189	42	12	4	1	0	0	0	17 16 1 18 13 6 B
B 17 2 15 18 7 12	0	0	208	566	173	49	15	3	1	0	0	17 15 2 18 12 7 B
B 17 3 14 18 8 11	0	0	32	678	543	155	44	10	2	0	0	17 14 3 18 11 8 B
B 17 4 13 18 9 10	0	0	4	243	1110	438	120	26	5	0	0	17 13 4 18 10 9 B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	17	5	12	18	10	9	0	0	1	36	1079	1044	307	64	13	1	0	17	12	5	18	9	10	B
B	17	6	11	18	11	8	0	0	0	8	351	1635	747	153	30	2	0	17	11	6	18	8	11	B
B	17	7	10	18	12	7	0	0	0	2	58	1151	1535	361	70	4	0	17	10	7	18	7	12	B
B	17	8	9	18	13	6	0	0	0	1	13	271	1924	844	162	9	0	17	9	8	18	6	13	B
B	17	9	8	18	14	5	0	0	0	0	4	45	942	1681	391	21	0	17	8	9	18	5	14	B
B	17	10	7	18	15	4	0	0	0	0	1	11	159	1922	936	52	0	17	7	10	18	4	15	B
B	17	11	6	18	16	3	0	0	0	0	0	3	24	726	1649	146	0	17	6	11	18	3	16	B
B	17	12	5	18	17	2	0	0	0	0	0	1	5	80	1147	424	0	17	5	12	18	2	17	B
B	17	13	4	18	18	1	0	0	0	0	0	0	1	6	136	684	0	17	4	13	18	1	18	B
												Δτ = 9												
C	17	0	17	18	5	13	0	36	73	4	0	0	0	0	0	0	0	17	17	0	18	13	5	A
C	17	1	17	18	6	13	0	1	8	2	0	0	0	0	0	0	0	17	17	1	18	13	6	A
C	17	1	16	18	6	12	0	5	277	68	2	0	0	0	0	0	0	17	16	1	18	12	6	A
C	17	2	16	18	7	12	0	0	17	17	2	0	0	0	0	0	0	17	16	2	18	12	7	A
C	17	2	15	18	7	11	0	0	187	393	19	2	0	0	0	0	0	17	15	2	18	11	7	A
C	17	3	15	18	8	11	0	0	10	41	13	2	0	0	0	0	0	17	15	3	18	11	8	A
C	17	3	14	18	8	10	0	0	29	535	161	8	1	0	0	0	0	17	14	3	18	10	8	A
C	17	4	14	18	9	10	0	0	3	38	43	8	1	0	0	0	0	17	14	4	18	10	9	A
C	17	4	13	18	9	9	0	0	4	194	620	45	3	0	0	0	0	17	13	4	18	9	9	A
C	17	5	13	18	10	9	0	0	1	18	71	26	3	0	0	0	0	17	13	5	18	9	10	A
C	17	5	12	18	10	8	0	0	1	29	691	286	12	1	0	0	0	17	12	5	18	8	10	A
C	17	6	12	18	11	8	0	0	0	6	57	62	11	1	0	0	0	17	12	6	18	8	11	A
C	17	6	11	18	11	7	0	0	0	6	228	739	65	2	0	0	0	17	11	6	18	7	11	A
C	17	7	11	18	12	7	0	0	0	2	25	77	31	2	0	0	0	17	11	7	18	7	12	A
C	17	7	10	18	12	6	0	0	0	2	38	571	345	7	0	0	0	17	10	7	18	6	12	A
C	17	8	10	18	13	6	0	0	0	1	8	49	59	7	0	0	0	17	10	8	18	6	13	A
C	17	8	9	18	13	5	0	0	0	1	9	136	633	40	1	0	0	17	9	8	18	5	13	A
C	17	9	9	18	14	5	0	0	0	0	3	18	57	18	1	0	0	17	9	9	18	5	14	A
C	17	9	8	18	14	4	0	0	0	0	3	23	328	217	4	0	0	17	8	9	18	4	14	A
C	17	10	8	18	15	4	0	0	0	0	1	5	27	32	3	0	0	17	8	10	18	4	15	A
C	17	10	7	18	15	3	0	0	0	0	1	5	56	364	30	0	0	17	7	10	18	3	15	A
C	17	11	7	18	16	3	0	0	0	0	0	1	8	26	8	0	0	17	7	11	18	3	16	A
C	17	11	6	18	16	2	0	0	0	0	0	1	9	145	132	0	0	17	6	11	18	2	16	A
C	17	12	6	18	17	2	0	0	0	0	0	0	2	8	10	0	0	17	6	12	18	2	17	A
C	17	12	5	18	17	1	0	0	0	0	0	0	2	16	113	3	0	17	5	12	18	1	17	A
C	17	13	5	18	18	1	0	0	0	0	0	0	0	1	3	0	0	17	5	13	18	1	18	A
C	17	13	4	18	18	0	0	0	0	0	0	0	0	1	14	15	0	17	4	13	18	0	18	A
												Δτ = 10												
B	17	1	17	18	6	12	0	1	9	1	0	0	0	0	0	0	0	17	17	1	18	12	6	B
B	17	2	16	18	7	11	0	0	19	19	1	0	0	0	0	0	0	17	16	2	18	11	7	B
B	17	3	15	18	8	10	0	0	12	50	9	0	0	0	0	0	0	17	15	3	18	10	8	B
B	17	4	14	18	9	9	0	0	4	48	56	3	0	0	0	0	0	17	14	4	18	9	9	B
B	17	5	13	18	10	8	0	0	1	22	108	29	1	0	0	0	0	17	13	5	18	8	10	B
B	17	6	12	18	11	7	0	0	0	7	88	112	8	0	0	0	0	17	12	6	18	7	11	B
B	17	7	11	18	12	6	0	0	0	2	39	153	57	1	0	0	0	17	11	7	18	6	12	B
B	17	8	10	18	13	5	0	0	0	1	13	97	158	8	0	0	0	17	10	8	18	5	13	B
B	17	9	9	18	14	4	0	0	0	0	4	37	161	59	1	0	0	17	9	9	18	4	14	B
B	17	10	8	18	15	3	0	0	0	0	1	11	77	152	10	0	0	17	8	10	18	3	15	B
B	17	11	7	18	16	2	0	0	0	0	0	3	22	128	67	0	0	17	7	11	18	2	16	B
B	17	12	6	18	17	1	0	0	0	0	0	1	4	42	100	2	0	17	6	12	18	1	17	B
B	17	13	5	18	18	0	0	0	0	0	0	0	1	6	34	17	0	17	5	13	18	0	18	B
												Δτ = 11												
A	17	0	17	18	6	12	0	0	1	0	0	0	0	0	0	0	0	17	17	0	18	12	6	C
A	17	1	16	18	7	11	0	0	2	4	0	0	0	0	0	0	0	17	16	1	18	11	7	C
A	17	2	15	18	8	10	0	0	1	10	3	0	0	0	0	0	0	17	15	2	18	10	8	C

$J\ K_{-1}K_{+1}-J\ K_{-1}K_{+1}$	∓1.0	∓.95	∓.8	∓.6	∓.3 (κ)	0 (κ)	±.3 (κ)	±.6	±.8	±.95	±1.0	$J\ K_{-1}K_{+1}-J\ K_{-1}K_{+1}$
A 17 3 15 18 9 10	0	0	0	1	1	0	0	0	0	0	0	17 15 3 18 10 9 C
A 17 3 14 18 9 9	0	0	0	9	20	2	0	0	0	0	0	17 14 3 18 9 9 C
A 17 4 14 18 10 9	0	0	0	0	2	1	0	0	0	0	0	17 14 4 18 9 10 C
A 17 4 13 18 10 8	0	0	0	2	37	15	1	0	0	0	0	17 13 4 18 8 10 C
A 17 5 13 18 11 8	0	0	0	0	3	3	1	0	0	0	0	17 13 5 18 8 11 C
A 17 5 12 18 11 7	0	0	0	0	26	56	5	0	0	0	0	17 12 5 18 7 11 C
A 17 6 12 18 12 7	0	0	0	0	2	6	2	0	0	0	0	17 12 6 18 7 12 C
A 17 6 11 18 12 6	0	0	0	0	6	74	37	1	0	0	0	17 11 6 18 6 12 C
A 17 7 11 18 13 6	0	0	0	0	1	5	6	1	0	0	0	17 11 7 18 6 13 C
A 17 7 10 18 13 5	0	0	0	0	1	37	102	6	0	0	0	17 10 7 18 5 13 C
A 17 8 10 18 14 5	0	0	0	0	0	2	9	3	0	0	0	17 10 8 18 5 14 C
A 17 8 9 18 14 4	0	0	0	0	0	6	98	47	1	0	0	17 9 8 18 4 14 C
A 17 9 9 18 15 4	0	0	0	0	0	1	6	7	1	0	0	17 9 9 18 4 15 C
A 17 9 8 18 15 3	0	0	0	0	0	1	32	121	9	0	0	17 8 9 18 3 15 C
A 17 10 8 18 16 3	0	0	0	0	0	0	2	8	3	0	0	17 8 10 18 3 16 C
A 17 10 7 18 16 2	0	0	0	0	0	0	3	95	60	0	0	17 7 10 18 2 16 C
A 17 11 7 18 17 2	0	0	0	0	0	0	0	4	5	0	0	17 7 11 18 2 17 C
A 17 11 6 18 17 1	0	0	0	0	0	0	0	20	89	2	0	17 6 11 18 1 17 C
A 17 12 6 18 18 1	0	0	0	0	0	0	0	1	2	0	0	17 6 12 18 1 18 C
A 17 12 5 18 18 0	0	0	0	0	0	0	0	1	26	17	0	17 5 12 18 0 18 C
						$\Delta\tau = 12$						
B 17 0 17 18 7 12	0	0	1	0	0	0	0	0	0	0	0	17 17 0 18 12 7 B
B 17 1 16 18 8 11	0	0	1	2	0	0	0	0	0	0	0	17 16 1 18 11 8 B
B 17 2 15 18 9 10	0	0	0	3	2	0	0	0	0	0	0	17 15 2 18 10 9 B
B 17 3 14 18 10 9	0	0	0	2	6	2	0	0	0	0	0	17 14 3 18 9 10 B
B 17 4 13 18 11 8	0	0	0	0	8	6	1	0	0	0	0	17 13 4 18 8 11 B
B 17 5 12 18 12 7	0	0	0	0	4	11	4	0	0	0	0	17 12 5 18 7 12 B
B 17 6 11 18 13 6	0	0	0	0	1	10	10	1	0	0	0	17 11 6 18 6 13 B
B 17 7 10 18 14 5	0	0	0	0	0	3	13	4	0	0	0	17 10 7 18 5 14 B
B 17 8 9 18 15 4	0	0	0	0	0	0	8	9	1	0	0	17 9 8 18 4 15 B
B 17 9 8 18 16 3	0	0	0	0	0	0	2	10	3	0	0	17 8 9 18 3 16 B
B 17 10 7 18 17 2	0	0	0	0	0	0	0	4	5	0	0	17 7 10 18 2 17 B
B 17 11 6 18 18 1	0	0	0	0	0	0	0	0	3	0	0	17 6 11 18 1 18 B
						$\Delta\tau = 13$						
C 17 1 16 18 8 10	0	0	1	2	0	0	0	0	0	0	0	17 16 1 18 10 8 A
C 17 2 15 18 9 9	0	0	0	3	1	0	0	0	0	0	0	17 15 2 18 9 9 A
C 17 3 14 18 10 8	0	0	0	2	4	0	0	0	0	0	0	17 14 3 18 8 10 A
C 17 4 13 18 11 7	0	0	0	0	5	3	0	0	0	0	0	17 13 4 18 7 11 A
C 17 5 12 18 12 6	0	0	0	0	2	6	1	0	0	0	0	17 12 5 18 6 12 A
C 17 6 11 18 13 5	0	0	0	0	0	5	3	0	0	0	0	17 11 6 18 5 13 A
C 17 7 10 18 14 4	0	0	0	0	0	2	5	0	0	0	0	17 10 7 18 4 14 A
C 17 8 9 18 15 3	0	0	0	0	0	0	3	2	0	0	0	17 9 8 18 3 15 A
C 17 9 8 18 16 2	0	0	0	0	0	0	1	2	0	0	0	17 8 9 18 2 16 A
C 17 10 7 18 17 1	0	0	0	0	0	0	0	1	1	0	0	17 7 10 18 1 17 A
						$\Delta\tau = 14$						
B 17 5 13 18 12 6	0	0	0	0	0	1	0	0	0	0	0	17 13 5 18 6 12 B
B 17 6 12 18 13 5	0	0	0	0	0	1	0	0	0	0	0	17 12 6 18 5 13 B
B 17 7 11 18 14 4	0	0	0	0	0	0	1	0	0	0	0	17 11 7 18 4 14 B
B 17 8 10 18 15 3	0	0	0	0	0	0	1	0	0	0	0	17 10 8 18 3 15 B
B 17 9 9 18 16 2	0	0	0	0	0	0	0	1	0	0	0	17 9 9 18 2 16 B
J=18 $\Delta J = 0$						$\Delta\tau = 1$						
C 18 9 9 18 10 9	681579	666983	621663	556496	441040	386243	672097	827738	865745	875709	876316	18 9 9 18 9 10 A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	18	10	9	18	10	8	1081871	1081397	1073634	1044424	934119	635194	438171	574665	656690	712423	730263	18	9	10	18	8	10	C
C	18	10	8	18	11	8	627485	615420	578083	525029	434741	326401	408146	627222	678558	691607	692398	18	8	10	18	8	11	A
A	18	11	8	18	11	7	1309064	1308691	1302581	1279752	1196396	988438	553465	573225	680980	751295	773538	18	8	11	18	7	11	C
C	18	11	7	18	12	7	567982	557991	527133	483561	411027	323758	253668	435955	511366	529059	530117	18	7	11	18	7	12	A
A	18	12	7	18	12	6	1557895	1557600	1552786	1534866	1470475	1320461	928599	563849	690079	782767	811404	18	7	12	18	6	12	C
C	18	12	6	18	13	6	503070	494853	469505	433840	375132	306889	222062	252823	362428	387995	389474	18	6	12	18	6	13	A
A	18	13	6	18	13	5	1828363	1828132	1824370	1810398	1760618	1647969	1380430	718753	676641	805115	843860	18	6	13	18	5	13	C
C	18	13	5	18	14	5	432749	426107	405635	376888	329849	276113	210734	148229	226707	268262	270468	18	5	13	18	5	14	A
A	18	14	5	18	14	4	2120468	2120291	2117412	2106729	2068855	1984377	1794149	1228428	698196	814318	870906	18	5	14	18	4	14	C
C	18	14	4	18	15	4	357018	351820	335806	313346	276711	235219	185944	121763	115078	169404	173099	18	4	14	18	4	15	A
A	18	15	4	18	15	3	2434211	2434081	2431961	2424106	2396334	2334878	2199635	1832331	1057297	803991	892544	18	4	15	18	3	15	C
C	18	15	3	18	16	3	275877	272038	260211	243635	216645	186207	150461	104698	67265	89798	97368	18	3	15	18	3	16	A
A	18	16	3	18	16	2	2769591	2769502	2768055	2762695	2743776	2702098	2611433	2376498	1849612	882003	908772	18	3	16	18	2	16	C
C	18	16	2	18	17	2	189327	186793	178985	168046	150251	130225	106823	77335	50070	35113	43275	18	2	16	18	2	17	A
A	18	17	2	18	17	1	3126608	3126557	3125718	3122612	3111659	3087591	3035549	2903263	2628407	1563738	919591	18	2	17	18	1	17	C
C	18	17	1	18	18	1	97368	96108	92224	86785	77940	67995	56397	41868	28617	13622	10819	18	1	17	18	1	18	A
A	18	18	1	18	18	0	3505263	3505246	3504969	3503940	3500316	3492359	3475189	3431808	3343643	2971399	1850000	18	1	18	18	0	18	C
												Δτ =	2											
B	18	9	10	18	10	9	681579	696322	744044	818004	960132	1070574	960132	818004	744044	696322	681579	18	10	9	18	9	10	B
B	18	9	9	18	10	8	681579	696322	744044	818016	965116	1363350	1124124	897105	806426	748254	730263	18	9	9	18	8	10	B
B	18	10	9	18	11	8	627485	639685	679206	740339	858620	1015284	1047279	896820	806426	748254	730263	18	9	10	18	8	11	B
B	18	10	8	18	11	7	627485	639685	679206	740339	858899	1058499	1422659	983753	868153	795906	773538	18	8	10	18	7	11	B
B	18	11	8	18	12	7	567982	578091	610860	661510	758980	899092	1055367	978415	868128	795906	773538	18	8	11	18	7	12	B
B	18	11	7	18	12	6	567982	578091	610860	661510	758993	901572	1277047	1128794	932690	840052	811404	18	7	11	18	6	12	B
B	18	12	7	18	13	6	503070	511387	538359	580040	659979	774799	951226	1044700	932020	840052	811404	18	7	12	18	6	13	B
B	18	12	6	18	13	5	503070	511387	538359	580040	659980	774929	973813	1429506	1011781	882209	843860	18	6	12	18	5	13	B
B	18	13	6	18	14	5	432749	439472	461284	494992	559531	651730	799384	1019206	997720	882200	843860	18	6	13	18	5	14	B
B	18	13	5	18	14	4	432749	439472	461284	494992	559531	651736	800487	1239723	1215005	925813	870906	18	5	13	18	4	14	B
B	18	14	5	18	15	4	357018	362280	379356	405747	456240	528152	642971	863135	1022421	925321	870906	18	5	14	18	4	15	B
B	18	14	4	18	15	3	357018	362280	379356	405747	456240	528152	643019	882274	1448788	985619	892544	18	4	14	18	3	15	B
B	18	15	4	18	16	3	275877	279765	292382	311885	349186	402233	486621	653652	893412	968759	892544	18	4	15	18	3	16	B
B	18	15	3	18	16	2	275877	279765	292382	311885	349186	402233	486623	654357	1007923	1226179	908772	18	3	15	18	2	16	B
B	18	16	3	18	17	2	189327	191894	200226	213106	237738	272747	328344	438256	621313	932459	908772	18	3	16	18	2	17	B
B	18	16	2	18	17	1	189327	191894	200226	213106	237738	272747	328344	438276	625768	1429092	919591	18	2	16	18	1	17	B
B	18	17	2	18	18	1	97368	98645	102790	109197	121451	138865	166503	221071	313272	588270	919591	18	2	17	18	1	18	B
B	18	17	1	18	18	0	97368	98645	102790	109197	121451	138865	166503	221072	313344	659001	1850000	18	1	17	18	0	18	B
												Δτ =	3											
C	18	9	10	18	10	8	681579	666983	621663	556485	437018	191767	30585	7249	1585	91	0	18	10	9	18	8	10	A
A	18	9	9	18	11	8	0	63	1101	5009	19656	77183	381455	574394	656690	712423	730263	18	9	9	18	8	11	C
C	18	10	9	18	11	7	627485	615420	578083	525029	434506	300825	65589	10551	2282	131	0	18	9	10	18	7	11	A
A	18	10	8	18	12	7	0	44	758	3435	13285	38498	210605	568212	680954	751295	773538	18	8	10	18	7	12	C
C	18	11	8	18	12	6	567982	557991	527133	483561	411017	322090	154482	16492	3328	190	0	18	8	11	18	6	12	A
A	18	11	7	18	13	6	0	29	510	2307	8849	24450	80190	489162	689401	782767	811404	18	7	11	18	6	13	C
C	18	12	7	18	13	5	503070	494853	469505	433840	375132	306797	211997	36747	5010	282	0	18	7	12	18	5	13	A
A	18	12	6	18	14	5	0	19	331	1495	5701	15536	40432	256937	662559	805105	843860	18	6	12	18	5	14	C
C	18	13	6	18	14	4	432749	426107	405635	376888	329849	276110	210160	89028	8969	436	0	18	6	13	18	4	14	A
A	18	13	5	18	15	4	0	12	203	913	3470	9372	23553	86413	504569	813814	870906	18	5	13	18	4	15	C
C	18	14	5	18	15	3	357018	351820	335806	313346	276711	235219	185918	116510	24873	727	0	18	5	14	18	3	15	A
A	18	14	4	18	16	3	0	6	112	507	1920	5152	12758	36625	188578	786543	892544	18	4	14	18	3	16	C
C	18	15	4	18	16	2	275877	272038	260211	243635	216645	186207	150460	104462	51600	1616	0	18	4	15	18	2	16	A
A	18	15	3	18	17	2	0	3	52	236	892	2384	5842	16099	49090	565605	908772	18	3	15	18	2	17	C
C	18	16	3	18	17	1	189327	186793	178985	168046	150251	130225	106823	77328	49339	6185	0	18	3	16	18	1	17	A
A	18	16	2	18	18	1	0	1	16	74	278	741	1803	4871	12833	121835	919591	18	2	16	18	1	18	C
C	18	17	2	18	18	0	97368	96108	92224	86785	77940	67995	56397	41868	28602	10829	0	18	2	17	18	0	18	A
												Δτ =	5											

J K₋₁ K₊₁ – J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ – J K₋₁ K₊₁
C 18 8 10 18 11 8	0	13	220	971	4096	26312	27241	7246	1585	91	0	18 10 8 18 8 11 A
A 18 9 10 18 11 7	0	63	1101	5009	19507	43122	12827	1936	426	25	0	18 10 9 18 7 11 C
C 18 9 9 18 12 7	0	7	114	496	1865	7545	29103	10473	2282	131	0	18 9 9 18 7 12 A
A 18 10 9 18 12 6	0	44	758	3435	13279	35975	40495	4278	849	49	0	18 9 10 18 6 12 C
C 18 10 8 18 13 6	0	3	58	251	910	2550	14056	14635	3325	190	0	18 8 10 18 6 13 A
A 18 11 8 18 13 5	0	29	510	2307	8849	24347	53346	14107	1797	102	0	18 8 11 18 5 13 C
C 18 11 7 18 14 5	0	2	29	123	436	1121	3585	15558	4919	282	0	18 7 11 18 5 14 A
A 18 12 7 18 14 4	0	19	331	1495	5701	15533	38923	46513	4760	225	0	18 7 12 18 4 14 C
C 18 12 6 18 15 4	0	1	13	57	198	490	1166	6866	6838	436	0	18 6 12 18 4 15 A
A 18 13 6 18 15 3	0	12	203	913	3470	9372	23502	57188	20477	565	0	18 6 13 18 3 15 C
C 18 13 5 18 16 3	0	0	5	23	80	195	431	1398	5780	713	0	18 5 13 18 3 16 A
A 18 14 5 18 16 2	0	6	112	507	1920	5152	12756	35347	53719	2053	0	18 5 14 18 2 16 C
C 18 14 4 18 17 2	0	0	2	8	27	64	136	320	1372	1109	0	18 4 14 18 2 17 A
A 18 15 4 18 17 1	0	3	52	236	892	2384	5842	16071	39747	14052	0	18 4 15 18 1 17 C
C 18 15 3 18 18 1	0	0	0	2	6	13	28	60	141	744	0	18 3 15 18 1 18 A
A 18 16 3 18 18 0	0	1	16	74	278	741	1803	4870	12688	32416	0	18 3 16 18 0 18 C
						$\Delta\tau = 6$						
B 18 8 11 18 11 8	0	13	244	1213	5661	11620	5661	1213	244	13	0	18 11 8 18 8 11 B
B 18 8 10 18 11 7	0	13	244	1214	6318	49260	19720	2422	473	26	0	18 10 8 18 7 11 B
B 18 9 10 18 12 7	0	7	126	620	2851	8966	9656	2404	473	26	0	18 10 9 18 7 12 B
B 18 9 9 18 12 6	0	7	126	620	2872	15120	55612	5357	943	51	0	18 9 9 18 6 12 B
B 18 10 9 18 13 6	0	4	65	314	1400	4792	10822	4778	942	51	0	18 9 10 18 6 13 B
B 18 10 8 18 13 5	0	4	65	314	1401	5111	38788	17612	1997	104	0	18 8 10 18 5 13 B
B 18 11 8 18 14 5	0	2	32	154	671	2234	7065	8189	1962	104	0	18 8 11 18 5 14 B
B 18 11 7 18 14 4	0	2	32	154	671	2244	10268	52047	5296	231	0	18 7 11 18 4 14 B
B 18 12 7 18 15 4	0	1	15	71	304	979	3217	8700	4082	231	0	18 7 12 18 4 15 B
B 18 12 6 18 15 3	0	1	15	71	304	980	3336	33223	22505	580	0	18 6 12 18 3 15 B
B 18 13 6 18 16 3	0	0	6	29	124	389	1229	4774	6367	568	0	18 6 13 18 3 16 B
B 18 13 5 18 16 2	0	0	6	29	124	389	1232	6997	47410	2106	0	18 5 13 18 2 16 B
B 18 14 5 18 17 2	0	0	2	10	41	127	388	1547	4596	1456	0	18 5 14 18 2 17 B
B 18 14 4 18 17 1	0	0	2	10	41	127	388	1601	13611	14281	0	18 4 14 18 1 17 B
B 18 15 4 18 18 1	0	0	0	2	9	27	79	299	1152	2104	0	18 4 15 18 1 18 B
B 18 15 3 18 18 0	0	0	0	2	9	27	79	299	1410	26192	0	18 3 15 18 0 18 B
						$\Delta\tau = 7$						
C 18 8 11 18 11 7	0	13	220	970	3667	5217	488	16	1	0	0	18 11 8 18 7 11 A
A 18 8 10 18 12 7	0	0	0	6	112	2446	6149	1922	426	25	0	18 10 8 18 7 12 C
C 18 9 10 18 12 6	0	7	114	496	1851	4420	2157	49	2	0	0	18 10 9 18 6 12 A
A 18 9 9 18 13 6	0	0	0	2	37	491	6009	3813	848	49	0	18 9 9 18 6 13 C
C 18 10 9 18 13 5	0	3	58	251	910	2390	3536	225	6	0	0	18 9 10 18 5 13 A
A 18 10 8 18 14 5	0	0	0	1	13	116	2087	6441	1765	102	0	18 8 10 18 5 14 C
C 18 11 8 18 14 4	0	2	29	123	436	1116	2452	1054	21	0	0	18 8 11 18 4 14 A
A 18 11 7 18 15 4	0	0	0	0	4	35	352	6007	3664	225	0	18 7 11 18 4 15 C
C 18 12 7 18 15 3	0	1	13	57	198	490	1124	1640	132	0	0	18 7 12 18 3 15 A
A 18 12 6 18 16 3	0	0	0	0	1	10	73	1721	5582	554	0	18 6 12 18 3 16 C
C 18 13 6 18 16 2	0	0	5	23	80	195	430	949	508	1	0	18 6 13 18 2 16 A
A 18 13 5 18 17 2	0	0	0	0	0	2	16	194	3196	1419	0	18 5 13 18 2 17 C
C 18 14 5 18 17 1	0	0	2	8	27	64	136	309	451	12	0	18 5 14 18 1 17 A
A 18 14 4 18 18 1	0	0	0	0	0	0	2	19	315	2021	0	18 4 14 18 1 18 C
C 18 15 4 18 18 0	0	0	0	2	6	13	28	60	115	46	0	18 4 15 18 0 18 A
						$\Delta\tau = 9$						
C 18 7 11 18 12 7	0	0	0	2	46	478	236	16	1	0	0	18 11 7 18 7 12 A
A 18 8 11 18 12 6	0	0	0	6	100	524	282	6	0	0	0	18 11 8 18 6 12 C
C 18 8 10 18 13 6	0	0	0	0	8	159	361	43	2	0	0	18 10 8 18 6 13 A
A 18 9 10 18 13 5	0	0	0	2	37	289	639	41	1	0	0	18 10 9 18 5 13 C
C 18 9 9 18 14 5	0	0	0	0	2	22	256	104	6	0	0	18 9 9 18 5 14 A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	18	10	9	18	14	4	0	0	0	1	13	109	550	267	5	0	0	18	9	10	18	4	14	C
C	18	10	8	18	15	4	0	0	0	0	0	4	59	153	16	0	0	18	8	10	18	4	15	A
A	18	11	8	18	15	3	0	0	0	0	4	35	241	586	47	0	0	18	8	11	18	3	15	C
C	18	11	7	18	16	3	0	0	0	0	0	1	6	93	37	0	0	18	7	11	18	3	16	A
A	18	12	7	18	16	2	0	0	0	0	1	10	71	429	263	1	0	18	7	12	18	2	16	C
C	18	12	6	18	17	2	0	0	0	0	0	0	1	15	38	1	0	18	6	12	18	2	17	A
A	18	13	6	18	17	1	0	0	0	0	0	2	16	132	341	9	0	18	6	13	18	1	17	C
C	18	13	5	18	18	1	0	0	0	0	0	0	0	1	9	2	0	18	5	13	18	1	18	A
A	18	14	5	18	18	0	0	0	0	0	0	0	2	18	105	58	0	18	5	14	18	0	18	C
												$\Delta\tau$ = 10												
B	18	7	12	18	12	7	0	0	0	2	34	97	34	2	0	0	0	18	12	7	18	7	12	B
B	18	7	11	18	12	6	0	0	0	2	71	947	433	8	0	0	0	18	11	7	18	6	12	B
B	18	8	11	18	13	6	0	0	0	1	10	69	74	7	0	0	0	18	11	8	18	6	13	B
B	18	8	10	18	13	5	0	0	0	1	12	317	968	51	1	0	0	18	10	8	18	5	13	B
B	18	9	10	18	14	5	0	0	0	0	3	26	83	24	1	0	0	18	10	9	18	5	14	B
B	18	9	9	18	14	4	0	0	0	0	3	45	727	334	6	0	0	18	9	9	18	4	14	B
B	18	10	9	18	15	4	0	0	0	0	1	7	45	49	5	0	0	18	9	10	18	4	15	B
B	18	10	8	18	15	3	0	0	0	0	1	7	169	723	52	0	0	18	8	10	18	3	15	B
B	18	11	8	18	16	3	0	0	0	0	0	1	13	48	14	0	0	18	8	11	18	3	16	B
B	18	11	7	18	16	2	0	0	0	0	0	1	18	465	292	1	0	18	7	11	18	2	16	B
B	18	12	7	18	17	2	0	0	0	0	0	0	2	19	22	0	0	18	7	12	18	2	17	B
B	18	12	6	18	17	1	0	0	0	0	0	0	2	74	370	9	0	18	6	12	18	1	17	B
B	18	13	6	18	18	1	0	0	0	0	0	0	0	2	10	1	0	18	6	13	18	1	18	B
B	18	13	5	18	18	0	0	0	0	0	0	0	0	4	90	59	0	18	5	13	18	0	18	B
												$\Delta\tau$ = 11												
C	18	7	12	18	12	6	0	0	0	2	22	48	8	0	0	0	0	18	12	7	18	6	12	A
A	18	7	11	18	13	6	0	0	0	0	1	31	48	6	0	0	0	18	11	7	18	6	13	C
C	18	8	11	18	13	5	0	0	0	0	7	34	24	0	0	0	0	18	11	8	18	5	13	A
A	18	8	10	18	14	5	0	0	0	0	0	7	53	19	1	0	0	18	10	8	18	5	14	C
C	18	9	10	18	14	4	0	0	0	0	2	13	29	3	0	0	0	18	10	9	18	4	14	A
A	18	9	9	18	15	4	0	0	0	0	0	1	25	39	4	0	0	18	9	9	18	4	15	C
C	18	10	9	18	15	3	0	0	0	0	0	3	16	9	0	0	0	18	9	10	18	3	15	A
A	18	10	8	18	16	3	0	0	0	0	0	0	4	38	13	0	0	18	8	10	18	3	16	C
C	18	11	8	18	16	2	0	0	0	0	0	1	4	10	1	0	0	18	8	11	18	2	16	A
A	18	11	7	18	17	2	0	0	0	0	0	0	0	13	20	0	0	18	7	11	18	2	17	C
C	18	12	7	18	17	1	0	0	0	0	0	0	1	4	2	0	0	18	7	12	18	1	17	A
A	18	12	6	18	18	1	0	0	0	0	0	0	0	1	9	1	0	18	6	12	18	1	18	C
C	18	13	6	18	18	0	0	0	0	0	0	0	0	0	1	0	0	18	6	13	18	0	18	A
												$\Delta\tau$ = 13												
C	18	6	12	18	13	6	0	0	0	0	1	3	1	0	0	0	0	18	12	6	18	6	13	A
A	18	7	12	18	13	5	0	0	0	0	0	3	2	0	0	0	0	18	12	7	18	5	13	C
C	18	7	11	18	14	5	0	0	0	0	0	1	2	0	0	0	0	18	11	7	18	5	14	A
A	18	8	11	18	14	4	0	0	0	0	0	2	4	0	0	0	0	18	11	8	18	4	14	C
C	18	8	10	18	15	4	0	0	0	0	0	0	2	0	0	0	0	18	10	8	18	4	15	A
A	18	9	10	18	15	3	0	0	0	0	0	0	3	2	0	0	0	18	10	9	18	3	15	C
C	18	9	9	18	16	3	0	0	0	0	0	0	0	1	0	0	0	18	9	9	18	3	16	A
A	18	10	9	18	16	2	0	0	0	0	0	0	1	2	0	0	0	18	9	10	18	2	16	C
A	18	11	8	18	17	1	0	0	0	0	0	0	0	1	1	0	0	18	8	11	18	1	17	C
A	18	12	7	18	18	0	0	0	0	0	0	0	0	0	1	0	0	18	7	12	18	0	18	C
												$\Delta\tau$ = 14												
B	18	6	12	18	13	5	0	0	0	0	1	6	3	0	0	0	0	18	12	6	18	5	13	B
B	18	7	11	18	14	4	0	0	0	0	0	3	6	1	0	0	0	18	11	7	18	4	14	B
B	18	8	10	18	15	3	0	0	0	0	0	0	4	2	0	0	0	18	10	8	18	3	15	B
B	18	9	9	18	16	2	0	0	0	0	0	0	1	3	0	0	0	18	9	9	18	2	16	B
B	18	10	8	18	17	1	0	0	0	0	0	0	0	2	1	0	0	18	8	10	18	1	17	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	18	11	7	18	18	0	0	0	0	0	0	0	0	0	1	0	0	18	7	11	18	0	18	B
J=18			Δ J = 1																					
												Δτ = 0												
B	18	9	9	19	10	10	1068421	1051277	994734	903590	706932	503727	706932	903590	994734	1051277	1068421	18	9	9	19	10	10	B
B	18	10	8	19	11	9	1144737	1130452	1083559	1009048	855892	604913	550607	791664	905316	974052	994737	18	8	10	19	9	11	B
B	18	11	7	19	12	8	1223684	1211795	1172889	1111604	989040	794238	518314	666350	813325	898410	923684	18	7	11	19	8	12	B
B	18	12	6	19	13	7	1305263	1295444	1263384	1213167	1114302	964388	689488	537488	714811	823691	855263	18	6	12	19	7	13	B
B	18	13	5	19	14	6	1389474	1381491	1355468	1314864	1235695	1118668	915264	541640	603292	748569	789474	18	5	13	19	6	14	B
B	18	14	4	19	15	5	1476316	1469998	1449426	1417414	1355392	1265051	1114270	773037	521666	670070	726316	18	4	14	19	5	15	B
B	18	15	3	19	16	4	1565789	1561008	1545454	1521300	1474702	1407443	1297552	1063012	656336	583676	665789	18	3	15	19	4	16	B
B	18	16	2	19	17	3	1657895	1654555	1643697	1626860	1594477	1548009	1473001	1318952	1028809	557409	607895	18	2	16	19	3	17	B
B	18	17	1	19	18	2	1752632	1750661	1744259	1734341	1715304	1688090	1644469	1556525	1400179	866521	552632	18	1	17	19	2	18	B
B	18	18	0	19	19	1	1850000	1849345	1847218	1843923	1837603	1828577	1814139	1785195	1734677	1544062	1000000	18	0	18	19	1	19	B
												Δτ = 1												
C	18	0	18	19	1	18	1000000	422431	266125	227831	208406	200621	196996	195341	194872	194745	194737	18	18	0	19	18	1	A
C	18	1	18	19	2	18	552632	392674	266109	227831	208406	200621	196996	195341	194872	194745	194737	18	18	1	19	18	2	A
C	18	1	17	19	2	17	552632	879511	517779	443311	405529	390389	383340	380123	379209	378962	378947	18	17	1	19	17	2	A
C	18	2	17	19	3	17	607895	648651	516577	443308	405529	390389	383340	380123	379209	378962	378947	18	17	2	19	17	3	A
C	18	2	16	19	3	16	607895	836492	778022	646528	591387	569305	559031	554344	553013	552654	552632	18	16	2	19	16	3	A
C	18	3	16	19	4	16	665789	735454	737636	646408	591387	569305	559031	554344	553013	552654	552632	18	16	3	19	16	4	A
C	18	3	15	19	4	15	665789	747816	1062014	839071	766014	737371	724068	718004	716283	715818	715789	18	15	3	19	15	4	A
C	18	4	15	19	5	15	726316	778830	881005	834867	766010	737371	724068	718004	716283	715818	715789	18	15	4	19	15	5	A
C	18	4	14	19	5	14	726316	779236	1015380	1060597	929457	894596	878449	871102	869018	868456	868421	18	14	4	19	14	5	A
C	18	5	14	19	6	14	789474	828702	940180	990794	929342	894596	878449	871102	869018	868456	868421	18	14	5	19	14	6	A
C	18	5	13	19	6	13	789474	828711	952080	1229467	1082853	1040994	1022174	1013636	1011219	1010566	1010526	18	13	5	19	13	6	A
C	18	6	13	19	7	13	855263	885883	977926	1081688	1079578	1040988	1022174	1013636	1011219	1010566	1010526	18	13	6	19	13	7	A
C	18	6	12	19	7	12	855263	885883	978583	1146816	1255770	1176559	1155239	1145606	1142884	1142150	1142105	18	12	6	19	12	7	A
C	18	7	12	19	8	12	923684	948341	1023054	1124264	1204125	1176396	1155239	1145606	1142884	1142150	1142105	18	12	7	19	12	8	A
C	18	7	11	19	8	11	923684	948341	1023083	1129424	1395204	1302994	1277635	1267005	1264013	1263207	1263158	18	11	7	19	11	8	A
C	18	8	11	19	9	11	994737	1014990	1076571	1161795	1280727	1298659	1277628	1267005	1264013	1263207	1263158	18	11	8	19	11	9	A
C	18	8	10	19	9	10	994737	1014990	1076572	1162122	1338770	1448274	1389304	1377826	1374603	1373737	1373684	18	10	8	19	10	9	A
C	18	9	10	19	10	10	1068421	1085246	1136544	1207619	1321020	1396210	1389122	1377826	1374603	1373737	1373684	18	10	9	19	10	10	A
C	18	9	9	19	10	9	1068421	1085246	1136544	1207636	1326082	1534426	1492398	1478047	1474651	1473740	1473684	18	9	9	19	9	10	A
C	18	10	9	19	11	9	1144737	1158779	1201684	1261181	1357432	1455120	1487460	1478045	1474651	1473740	1473684	18	9	10	19	9	11	A
C	18	10	8	19	11	8	1144737	1158779	1201684	1261182	1357788	1487922	1608372	1567588	1564146	1563215	1563158	18	8	10	19	8	11	A
C	18	11	8	19	12	8	1223684	1235385	1271198	1320928	1401266	1490814	1562934	1567516	1564146	1563215	1563158	18	8	11	19	8	12	A
C	18	11	7	19	12	7	1223684	1235385	1271198	1320928	1401286	1493493	1654667	1647228	1643062	1642161	1642105	18	7	11	19	7	12	A
C	18	12	7	19	13	7	1305263	1314934	1344578	1385803	1452354	1527032	1608620	1644938	1643060	1642161	1642105	18	7	12	19	7	13	A
C	18	12	6	19	13	6	1305263	1314934	1344578	1385803	1452355	1527218	1625354	1729682	1711302	1710575	1710526	18	6	12	19	6	13	A
C	18	13	6	19	14	6	1389474	1397341	1421484	1455108	1509411	1570201	1640783	1704409	1711233	1710575	1710526	18	6	13	19	6	14	A
C	18	13	5	19	14	5	1389474	1397341	1421484	1455108	1509411	1570211	1642044	1767568	1770034	1768446	1768421	18	5	13	19	5	14	A
C	18	14	5	19	15	5	1476316	1482546	1501682	1528367	1571505	1619748	1675908	1741989	1767387	1768446	1768421	18	5	14	19	5	15	A
C	18	14	4	19	15	4	1476316	1482546	1501682	1528367	1571505	1619749	1675987	1753647	1824044	1815732	1815789	18	4	14	19	4	15	A
C	18	15	4	19	16	4	1565789	1570506	1585004	1605243	1638000	1674641	1717213	1770133	1807537	1815725	1815789	18	4	15	19	4	16	A
C	18	15	3	19	16	3	1565789	1570506	1585004	1605243	1638000	1674641	1717217	1770930	1835690	1852586	1852632	18	3	15	19	3	16	A
C	18	16	3	19	17	3	1657895	1661191	1671327	1685491	1708442	1734136	1763974	1801186	1833576	1851996	1852632	18	3	16	19	3	17	A
C	18	16	2	19	17	2	1657895	1661191	1671327	1685491	1708442	1734136	1763974	1801226	1836557	1879778	1878947	18	2	16	19	2	17	A
C	18	17	2	19	18	2	1752632	1754576	1760561	1768929	1782502	1797711	1815382	1837404	1857255	1876263	1878947	18	2	17	19	2	18	A
C	18	17	1	19	18	1	1752632	1754576	1760560	1768929	1782502	1797711	1815382	1837405	1857394	1886853	1894737	18	1	17	19	1	18	A
C	18	18	1	19	19	1	1850000	1850646	1852635	1855417	1859929	1864986	1870860	1878175	1884779	1892355	1894737	18	1	18	19	1	19	A
C	18	18	0	19	19	0	1850000	1850646	1852635	1855417	1859929	1864986	1870860	1878175	1884783	1892992	1900000	18	0	18	19	0	19	A
												Δτ = 2												
B	18	1	18	19	2	17	552632	71210	12132	7086	4816	3852	3308	2952	2776	2665	2632	18	18	1	19	17	2	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	18	2	17	19	3	16	607895	355086	40737	21752	14571	11594	9932	8858	8327	7995	7895	18	17	2	19	16	3	B
B	18	3	16	19	4	15	665789	570816	130868	44793	29407	23259	19875	17711	16650	15989	15789	18	16	3	19	15	4	B
B	18	4	15	19	5	14	726316	669650	376281	85381	49443	38864	33128	29502	27738	26645	26316	18	15	4	19	14	5	B
B	18	5	14	19	6	13	789474	748560	590523	211571	74828	58378	49656	44204	41577	39959	39474	18	14	5	19	13	6	B
B	18	6	13	19	7	12	855263	823691	714099	466518	113578	81614	69367	61768	58141	55925	55263	18	13	6	19	12	7	B
B	18	7	12	19	8	11	923684	898410	813294	660502	230293	108351	92043	82097	77385	74531	73684	18	12	7	19	11	8	B
B	18	8	11	19	9	10	994737	974052	905315	791289	482356	151271	117146	105005	99226	95758	94737	18	11	8	19	10	9	B
B	18	9	10	19	10	9	1068421	1051277	994734	903571	700679	290038	144159	130108	123511	119570	118421	18	10	9	19	9	10	B
B	18	10	9	19	11	8	1144737	1130452	1083559	1009047	855444	561649	192893	156555	149945	145900	144737	18	9	10	19	8	11	B
B	18	11	8	19	12	7	1223684	1211795	1172889	1111604	989014	790476	361419	183015	177907	174624	173684	18	8	11	19	7	12	B
B	18	12	7	19	13	6	1305263	1295444	1263384	1213167	1114301	964122	663076	227347	206005	205479	205263	18	7	12	19	6	13	B
B	18	13	6	19	14	5	1389474	1381491	1355468	1314864	1235695	1118654	913147	399785	232999	237875	239474	18	6	13	19	5	14	B
B	18	14	5	19	15	4	1476316	1469998	1449426	1417414	1355392	1265051	1114135	748638	300861	270325	276316	18	5	14	19	4	15	B
B	18	15	4	19	16	3	1565789	1561008	1545454	1521300	1474702	1407443	1297545	1061247	571806	301079	315789	18	4	15	19	3	16	B
B	18	16	3	19	17	2	1657895	1654555	1643697	1626860	1594477	1548009	1473001	1318861	1019693	390361	357895	18	3	16	19	2	17	B
B	18	17	2	19	18	1	1752632	1750661	1744259	1734341	1715304	1688090	1644469	1556523	1399740	803182	402632	18	2	17	19	1	18	B
B	18	18	1	19	19	0	1850000	1849345	1847218	1843923	1837603	1828577	1814139	1785195	1734667	1540050	900000	18	1	18	19	0	19	B
												$\Delta\tau$ = 3												
A	18	0	18	19	2	17	0	1684	1223	1423	1689	1929	2151	2363	2499	2599	2632	18	18	0	19	17	2	C
A	18	1	18	19	3	17	0	655	1216	1423	1689	1929	2151	2363	2499	2599	2632	18	18	1	19	17	3	C
A	18	1	17	19	3	16	0	3496	4204	4413	5136	5821	6471	7095	7499	7796	7895	18	17	1	19	16	3	C
A	18	2	17	19	4	16	0	847	3751	4410	5136	5821	6471	7095	7499	7796	7895	18	17	2	19	16	4	C
A	18	2	16	19	4	15	0	1213	12894	9305	10468	11742	12992	14209	15005	15594	15789	18	16	2	19	15	4	C
A	18	3	16	19	5	15	0	597	6442	9181	10468	11742	12992	14209	15005	15594	15789	18	16	3	19	15	5	C
A	18	3	15	19	5	14	0	608	17584	18470	17922	19804	21768	23729	25027	25994	26316	18	15	3	19	14	5	C
A	18	4	15	19	6	14	0	408	6627	15323	17911	19804	21768	23729	25027	25994	26316	18	15	4	19	14	6	C
A	18	4	14	19	6	13	0	409	8452	39810	28051	30210	32896	35696	37582	39001	39474	18	14	4	19	13	6	C
A	18	5	14	19	7	13	0	297	5206	19227	27756	30208	32896	35696	37582	39001	39474	18	14	5	19	13	7	C
A	18	5	13	19	7	12	0	297	5296	35682	45018	43340	46545	50180	52701	54620	55263	18	13	5	19	12	7	C
A	18	6	13	19	8	12	0	227	3967	17692	39065	43300	46545	50180	52701	54620	55263	18	13	6	19	12	8	C
A	18	6	12	19	8	11	0	227	3970	19655	82799	60226	63016	67303	70435	72863	73684	18	12	6	19	11	8	C
A	18	7	12	19	9	11	0	178	3103	14178	45676	59358	63012	67303	70435	72863	73684	18	12	7	19	11	9	C
A	18	7	11	19	9	10	0	178	3104	14276	77947	90018	82893	87278	90872	93752	94737	18	11	7	19	10	9	C
A	18	8	11	19	10	10	0	143	2480	11262	42215	75837	82788	87278	90872	93752	94737	18	11	8	19	10	10	C
A	18	8	10	19	10	9	0	143	2480	11267	46516	147231	108063	110491	114172	117321	118421	18	10	8	19	9	10	C
A	18	9	10	19	11	9	0	116	2006	9063	34592	82125	105984	110486	114172	117321	118421	18	10	9	19	9	11	C
A	18	9	9	19	11	8	0	116	2006	9064	34825	121161	156254	137697	140620	143637	144737	18	9	9	19	8	11	C
A	18	10	9	19	12	8	0	94	1630	7344	27828	73090	127129	137577	140619	143637	144737	18	9	10	19	8	12	C
A	18	10	8	19	12	7	0	94	1630	7344	27840	77258	230338	171230	170765	172823	173684	18	8	10	19	7	12	C
A	18	11	8	19	13	7	0	76	1322	5946	22395	59297	129502	168782	170754	172823	173684	18	8	11	19	7	13	C
A	18	11	7	19	13	6	0	76	1322	5946	22396	59510	170871	233597	205791	205125	205263	18	7	11	19	6	13	C
A	18	12	7	19	14	6	0	61	1062	4771	17907	47108	110381	196534	205485	205125	205263	18	7	12	19	6	14	C
A	18	12	6	19	14	5	0	61	1062	4771	17907	47118	113786	338462	250869	241071	239474	18	6	12	19	5	14	C
A	18	13	6	19	15	5	0	48	836	3757	14074	36851	86569	195022	244032	241067	239474	18	6	13	19	5	15	C
A	18	13	5	19	15	4	0	48	836	3757	14074	36852	86725	254673	354324	281966	276316	18	5	13	19	4	15	C
A	18	14	5	19	16	4	0	37	638	2863	10711	27971	65362	158521	267487	281732	276316	18	5	14	19	4	16	C
A	18	14	4	19	16	3	0	37	638	2863	10711	27971	65368	162932	442187	334414	315789	18	4	14	19	3	16	C
A	18	15	4	19	17	3	0	26	458	2058	7696	20068	46739	113839	233954	326165	315789	18	4	15	19	3	17	C
A	18	15	3	19	17	2	0	26	458	2058	7696	20068	46739	113998	271128	475053	357895	18	3	15	19	2	17	C
A	18	16	3	19	18	2	0	17	295	1323	4944	12882	29952	72698	156672	336264	357895	18	3	16	19	2	18	C
A	18	16	2	19	18	1	0	17	295	1323	4944	12882	29952	72702	158042	572447	402632	18	2	16	19	1	18	C
A	18	17	2	19	19	1	0	8	143	640	2393	6234	14486	35100	75841	213581	402632	18	2	17	19	1	19	C
A	18	17	1	19	19	0	0	8	143	640	2393	6234	14486	35100	75864	242617	900000	18	1	17	19	0	19	C
												$\Delta\tau$ = 4												
B	18	0	18	19	3	17	0	22523	12058	7086	4816	3852	3308	2952	2776	2665	2632	18	18	0	19	17	3	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	18	1	17	19	4	16	0	10690	35807	21735	14571	11594	9932	8858	8327	7995	7895	18	17	1	19	16	4	B
B	18	2	16	19	5	15	0	1750	48990	44095	29406	23259	19875	17711	16650	15989	15789	18	16	2	19	15	5	B
B	18	3	15	19	6	14	0	541	20625	67604	49406	38864	33128	29502	27738	26645	26316	18	15	3	19	14	6	B
B	18	4	14	19	7	13	0	243	5463	57244	73854	58374	49656	44204	41577	39959	39474	18	14	4	19	13	7	B
B	18	5	13	19	8	12	0	125	2354	19795	94133	81519	69367	61768	58141	55925	55263	18	13	5	19	12	8	B
B	18	6	12	19	9	11	0	69	1274	6991	74322	106326	92034	82097	77385	74531	73684	18	12	6	19	11	9	B
B	18	7	11	19	10	10	0	40	737	3689	27512	118360	116957	105005	99226	95758	94737	18	11	7	19	10	10	B
B	18	8	10	19	11	9	0	24	443	2170	10589	77837	140432	130101	123511	119570	118421	18	10	8	19	9	11	B
B	18	9	9	19	12	8	0	15	272	1316	5827	27377	140151	156381	149945	145900	144737	18	9	9	19	8	12	B
B	18	10	8	19	13	7	0	9	167	806	3474	11684	77177	179472	177893	174624	173684	18	8	10	19	7	13	B
B	18	11	7	19	14	6	0	6	102	490	2082	6555	25938	173606	205621	205479	205263	18	7	11	19	6	14	B
B	18	12	6	19	15	5	0	3	61	290	1223	3765	11537	91619	224425	237871	239474	18	6	12	19	5	15	B
B	18	13	5	19	16	4	0	2	34	164	686	2083	6087	27893	185926	270069	276316	18	5	13	19	4	16	B
B	18	14	4	19	17	3	0	1	18	85	353	1062	3038	10691	67667	291951	315789	18	4	14	19	3	17	B
B	18	15	3	19	18	2	0	0	8	37	153	459	1296	4340	16161	226749	357895	18	3	15	19	2	18	B
B	18	16	2	19	19	1	0	0	2	11	45	134	376	1229	3924	48062	402632	18	2	16	19	1	19	B
												$\Delta\tau =$ 5												
C	18	0	18	19	3	16	0	16177	954	260	83	32	12	3	1	0	0	18	18	0	19	16	3	A
C	18	1	18	19	4	16	0	1524	845	260	83	32	12	3	1	0	0	18	18	1	19	16	4	A
C	18	1	17	19	4	15	0	10286	7871	1265	380	144	52	14	3	0	0	18	17	1	19	15	4	A
C	18	2	17	19	5	15	0	1180	3430	1246	380	144	52	14	3	0	0	18	17	2	19	15	5	A
C	18	2	16	19	5	14	0	1707	31348	4527	1105	406	145	38	8	0	0	18	16	2	19	14	5	A
C	18	3	16	19	6	14	0	518	5230	3674	1104	406	145	38	8	0	0	18	16	3	19	14	6	A
C	18	3	15	19	6	13	0	528	18227	18893	2662	932	327	84	19	1	0	18	15	3	19	13	6	A
C	18	4	15	19	7	13	0	237	3803	6992	2631	932	327	84	19	1	0	18	15	4	19	13	7	A
C	18	4	14	19	7	12	0	237	4930	37646	6401	1912	653	166	36	2	0	18	14	4	19	12	7	A
C	18	5	14	19	8	12	0	121	2084	7432	5437	1910	653	166	36	2	0	18	14	5	19	12	8	A
C	18	5	13	19	8	11	0	121	2121	15818	20137	3725	1214	304	66	4	0	18	13	5	19	11	8	A
C	18	6	13	19	9	11	0	67	1146	5017	8689	3664	1214	304	66	4	0	18	13	6	19	11	9	A
C	18	6	12	19	9	10	0	67	1147	5622	38313	7939	2166	529	115	7	0	18	12	6	19	10	9	A
C	18	7	12	19	10	10	0	39	664	2936	8920	6462	2163	529	115	7	0	18	12	7	19	10	10	A
C	18	7	11	19	10	9	0	39	664	2958	17907	22519	3843	894	193	11	0	18	11	7	19	9	10	A
C	18	8	11	19	11	9	0	24	399	1737	6229	9005	3757	894	193	11	0	18	11	8	19	9	11	A
C	18	8	10	19	11	8	0	24	399	1738	6946	33086	7894	1496	317	18	0	18	10	8	19	8	11	A
C	18	9	10	19	12	8	0	15	244	1053	3775	8326	6089	1494	317	18	0	18	10	9	19	8	12	A
C	18	9	9	19	12	7	0	15	244	1053	3803	13843	21210	2532	519	29	0	18	9	9	19	7	12	A
C	18	10	9	19	13	7	0	9	151	645	2262	5540	7693	2490	519	29	0	18	9	10	19	7	13	A
C	18	10	8	19	13	6	0	9	151	645	2263	5904	24320	4938	860	48	0	18	8	10	19	6	13	A
C	18	11	8	19	14	6	0	6	92	392	1354	3280	6419	3966	858	48	0	18	8	11	19	6	14	A
C	18	11	7	19	14	5	0	6	92	392	1354	3294	9230	13256	1486	80	0	18	7	11	19	5	14	A
C	18	12	7	19	15	5	0	3	55	232	795	1886	3936	4965	1438	80	0	18	7	12	19	5	15	A
C	18	12	6	19	15	4	0	3	55	232	795	1887	4080	16100	3275	139	0	18	6	12	19	4	15	A
C	18	13	6	19	16	4	0	2	31	131	446	1043	2135	3916	2240	139	0	18	6	13	19	4	16	A
C	18	13	5	19	16	3	0	2	31	131	446	1043	2140	5667	9013	261	0	18	5	13	19	3	16	A
C	18	14	5	19	17	3	0	1	16	68	229	531	1065	2086	2391	253	0	18	5	14	19	3	17	A
C	18	14	4	19	17	2	0	1	16	68	229	531	1065	2157	6445	677	0	18	4	14	19	2	17	A
C	18	15	4	19	18	2	0	0	7	29	100	230	454	869	1340	433	0	18	4	15	19	2	18	A
C	18	15	3	19	18	1	0	0	7	29	100	230	454	871	1633	2404	0	18	3	15	19	1	18	A
C	18	16	3	19	19	1	0	0	2	9	29	67	132	246	389	366	0	18	3	16	19	1	19	A
C	18	16	2	19	19	0	0	0	2	9	29	67	132	246	393	1140	0	18	2	16	19	0	19	A
												$\Delta\tau =$ 6												
B	18	1	18	19	4	15	0	1529	225	23	5	2	1	0	0	0	0	18	18	1	19	15	4	B
B	18	2	17	19	5	14	0	1209	2590	195	33	10	3	1	0	0	0	18	17	2	19	14	5	B
B	18	3	16	19	6	13	0	531	5545	1519	138	39	12	3	1	0	0	18	16	3	19	13	6	B
B	18	4	15	19	7	12	0	243	4202	6676	518	120	35	8	2	0	0	18	15	4	19	12	7	B

J K₋₁ K₊₁ — J K₋₁ K₊₁	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
B 18 5 14 19 8 11	0	125	2312	8945	2534	337	92	20	4	0	0	18 14 5 19 11 8 B
B 18 6 13 19 9 10	0	69	1273	6228	9526	1026	227	48	10	1	0	18 13 6 19 10 9 B
B 18 7 12 19 10 9	0	40	737	3662	12967	4377	553	110	22	1	0	18 12 7 19 9 10 B
B 18 8 11 19 11 8	0	24	443	2169	9470	13467	1581	249	49	3	0	18 11 8 19 8 11 B
B 18 9 10 19 12 7	0	15	272	1316	5783	15817	6496	573	107	6	0	18 10 9 19 7 12 B
B 18 10 9 19 13 6	0	9	167	806	3473	10941	17226	1560	242	13	0	18 9 10 19 6 13 B
B 18 11 8 19 14 5	0	6	102	490	2082	6529	17556	6460	585	30	0	18 8 11 19 5 14 B
B 18 12 7 19 15 4	0	3	61	290	1223	3764	11117	18729	1890	74	0	18 7 12 19 4 15 B
B 18 13 6 19 16 3	0	2	34	164	686	2083	6074	18706	9164	207	0	18 6 13 19 3 16 B
B 18 14 5 19 17 2	0	1	18	85	353	1062	3038	10325	20308	874	0	18 5 14 19 2 17 B
B 18 15 4 19 18 1	0	0	8	37	153	459	1296	4333	13129	6447	0	18 4 15 19 1 18 B
B 18 16 3 19 19 0	0	0	2	11	45	134	376	1229	3880	13099	0	18 3 16 19 0 19 B
						Δτ = 7						
A 18 0 18 19 4 15	0	33	22	5	2	1	0	0	0	0	0	18 18 0 19 15 4 C
A 18 1 18 19 5 15	0	1	10	5	2	1	0	0	0	0	0	18 18 1 19 15 5 C
A 18 1 17 19 5 14	0	10	255	39	12	5	2	1	0	0	0	18 17 1 19 14 5 C
A 18 2 17 19 6 14	0	1	35	32	12	5	2	1	0	0	0	18 17 2 19 14 6 C
A 18 2 16 19 6 13	0	1	445	303	48	19	8	2	0	0	0	18 16 2 19 13 6 C
A 18 3 16 19 7 13	0	0	38	108	48	19	8	2	0	0	0	18 16 3 19 13 7 C
A 18 3 15 19 7 12	0	0	136	1271	181	60	23	6	1	0	0	18 15 3 19 12 7 C
A 18 4 15 19 8 12	0	0	19	175	154	60	23	6	1	0	0	18 15 4 19 12 8 C
A 18 4 14 19 8 11	0	0	25	1163	885	169	60	16	4	0	0	18 14 4 19 11 8 C
A 18 5 14 19 9 11	0	0	7	136	367	166	60	16	4	0	0	18 14 5 19 11 9 C
A 18 5 13 19 9 10	0	0	8	294	3162	513	147	39	9	1	0	18 13 5 19 10 9 C
A 18 6 13 19 10 10	0	0	3	66	520	416	147	39	9	1	0	18 13 6 19 10 10 C
A 18 6 12 19 10 9	0	0	3	74	2942	2181	359	88	20	1	0	18 12 6 19 9 10 C
A 18 7 12 19 11 9	0	0	1	29	400	816	351	88	20	1	0	18 12 7 19 9 11 C
A 18 7 11 19 11 8	0	0	1	29	823	6171	1028	199	44	3	0	18 11 7 19 8 11 C
A 18 8 11 19 12 8	0	0	1	13	203	978	788	199	44	3	0	18 11 8 19 8 12 C
A 18 8 10 19 12 7	0	0	1	13	227	4391	4192	459	97	6	0	18 10 8 19 7 12 C
A 18 9 10 19 13 7	0	0	0	6	91	668	1374	451	97	6	0	18 10 9 19 7 13 C
A 18 9 9 19 13 6	0	0	0	6	92	1131	9791	1249	218	13	0	18 9 9 19 6 13 C
A 18 10 9 19 14 6	0	0	0	3	40	319	1427	998	218	13	0	18 9 10 19 6 14 C
A 18 10 8 19 14 5	0	0	0	3	40	340	5275	5141	527	29	0	18 8 10 19 5 14 C
A 18 11 8 19 15 5	0	0	0	1	18	135	841	1754	510	29	0	18 8 11 19 5 15 C
A 18 11 7 19 15 4	0	0	0	1	18	135	1225	13224	1702	72	0	18 7 11 19 4 15 C
A 18 12 7 19 16 4	0	0	0	1	7	54	350	1754	1151	72	0	18 7 12 19 4 16 C
A 18 12 6 19 16 3	0	0	0	1	7	54	362	6853	8129	202	0	18 6 12 19 3 16 C
A 18 13 6 19 17 3	0	0	0	0	3	20	123	885	1792	196	0	18 6 13 19 3 17 C
A 18 13 5 19 17 2	0	0	0	0	3	20	124	1299	14379	852	0	18 5 13 19 2 17 C
A 18 14 5 19 18 2	0	0	0	0	1	6	36	266	1216	542	0	18 5 14 19 2 18 C
A 18 14 4 19 18 1	0	0	0	0	1	6	36	276	3621	6223	0	18 4 14 19 1 18 C
A 18 15 4 19 19 1	0	0	0	0	0	1	7	48	285	782	0	18 4 15 19 1 19 C
A 18 15 3 19 19 0	0	0	0	0	0	1	7	48	349	10039	0	18 3 15 19 0 19 C
						Δτ = 8						
B 18 0 18 19 5 15	0	49	97	23	5	2	1	0	0	0	0	18 18 0 19 15 5 B
B 18 1 17 19 6 14	0	9	346	158	33	10	3	1	0	0	0	18 17 1 19 14 6 B
B 18 2 16 19 7 13	0	1	302	538	136	39	12	3	1	0	0	18 16 2 19 13 7 B
B 18 3 15 19 8 12	0	0	61	829	439	120	35	8	2	0	0	18 15 3 19 12 8 B
B 18 4 14 19 9 11	0	0	8	438	1041	332	92	20	4	0	0	18 14 4 19 11 9 B
B 18 5 13 19 10 10	0	0	2	78	1391	831	226	48	10	1	0	18 13 5 19 10 10 B
B 18 6 12 19 11 9	0	0	1	15	731	1614	540	110	22	1	0	18 12 6 19 9 11 B
B 18 7 11 19 12 8	0	0	0	4	143	1763	1209	249	49	3	0	18 11 7 19 8 12 B
B 18 8 10 19 13 7	0	0	0	1	29	730	2076	564	107	6	0	18 10 8 19 7 13 B
B 18 9 9 19 14 6	0	0	0	0	9	131	1882	1245	242	13	0	18 9 9 19 6 14 B

$J\ K_{-1}K_{+1} - J\ K_{-1}K_{+1}$	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	κ 0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	$J\ K_{-1}K_{+1} - J\ K_{-1}K_{+1}$
B 18 10 8 19 15 5	0	0	0	0	3	28	589	2159	567	30	0	18 8 10 19 5 15 B
B 18 11 7 19 16 4	0	0	0	0	1	8	91	1896	1276	73	0	18 7 11 19 4 16 B
B 18 12 6 19 17 3	0	0	0	0	0	2	17	499	1941	201	0	18 6 12 19 3 17 B
B 18 13 5 19 18 2	0	0	0	0	0	0	3	52	1045	555	0	18 5 13 19 2 18 B
B 18 14 4 19 19 1	0	0	0	0	0	0	0	5	96	790	0	18 4 14 19 1 19 B
						$\Delta\tau = 9$						
C 18 0 18 19 5 14	0	48	59	2	0	0	0	0	0	0	0	18 18 0 19 14 5 A
C 18 1 18 19 6 14	0	1	8	2	0	0	0	0	0	0	0	18 18 1 19 14 6 A
C 18 1 17 19 6 13	0	8	298	42	2	0	0	0	0	0	0	18 17 1 19 13 6 A
C 18 2 17 19 7 13	0	0	21	15	2	0	0	0	0	0	0	18 17 2 19 13 7 A
C 18 2 16 19 7 12	0	1	271	331	11	1	0	0	0	0	0	18 16 2 19 12 7 A
C 18 3 16 19 8 12	0	0	15	43	10	1	0	0	0	0	0	18 16 3 19 12 8 A
C 18 3 15 19 8 11	0	0	55	644	87	5	1	0	0	0	0	18 15 3 19 11 8 A
C 18 4 15 19 9 11	0	0	6	51	36	5	1	0	0	0	0	18 15 4 19 11 9 A
C 18 4 14 19 9 10	0	0	7	350	489	23	2	0	0	0	0	18 14 4 19 10 9 A
C 18 5 14 19 10 10	0	0	2	29	76	19	2	0	0	0	0	18 14 5 19 10 10 A
C 18 5 13 19 10 9	0	0	2	62	867	142	7	0	0	0	0	18 13 5 19 9 10 A
C 18 6 13 19 11 9	0	0	0	10	81	53	7	0	0	0	0	18 13 6 19 9 11 A
C 18 6 12 19 11 8	0	0	0	12	474	614	28	1	0	0	0	18 12 6 19 8 11 A
C 18 7 12 19 12 8	0	0	0	3	45	89	21	1	0	0	0	18 12 7 19 8 12 A
C 18 7 11 19 12 7	0	0	0	3	93	853	160	4	0	0	0	18 11 7 19 7 12 A
C 18 8 11 19 13 7	0	0	0	1	17	79	52	4	0	0	0	18 11 8 19 7 13 A
C 18 8 10 19 13 6	0	0	0	1	19	364	582	14	1	0	0	18 10 8 19 6 13 A
C 18 9 10 19 14 6	0	0	0	0	6	39	75	11	1	0	0	18 10 9 19 6 14 A
C 18 9 9 19 14 5	0	0	0	0	6	65	643	82	2	0	0	18 9 9 19 5 14 A
C 18 10 9 19 15 5	0	0	0	0	2	13	55	28	2	0	0	18 9 10 19 5 15 A
C 18 10 8 19 15 4	0	0	0	0	2	14	206	333	7	0	0	18 8 10 19 4 15 A
C 18 11 8 19 16 4	0	0	0	0	1	4	22	39	5	0	0	18 8 11 19 4 16 A
C 18 11 7 19 16 3	0	0	0	0	1	4	32	369	53	0	0	18 7 11 19 3 16 A
C 18 12 7 19 17 3	0	0	0	0	0	1	6	25	11	0	0	18 7 12 19 3 17 A
C 18 12 6 19 17 2	0	0	0	0	0	1	6	100	168	0	0	18 6 12 19 2 17 A
C 18 13 6 19 18 2	0	0	0	0	0	0	1	7	11	0	0	18 6 13 19 2 18 A
C 18 13 5 19 18 1	0	0	0	0	0	0	1	10	104	5	0	18 5 13 19 1 18 A
C 18 14 5 19 19 1	0	0	0	0	0	0	0	1	3	1	0	18 5 14 19 1 19 A
C 18 14 4 19 19 0	0	0	0	0	0	0	0	1	10	18	0	18 4 14 19 0 19 A
						$\Delta\tau = 10$						
B 18 1 18 19 6 13	0	1	9	1	0	0	0	0	0	0	0	18 18 1 19 13 6 B
B 18 2 17 19 7 12	0	0	23	14	0	0	0	0	0	0	0	18 17 2 19 12 7 B
B 18 3 16 19 8 11	0	0	17	53	5	0	0	0	0	0	0	18 16 3 19 11 8 B
B 18 4 15 19 9 10	0	0	6	64	40	1	0	0	0	0	0	18 15 4 19 10 9 B
B 18 5 14 19 10 9	0	0	2	36	112	13	1	0	0	0	0	18 14 5 19 9 10 B
B 18 6 13 19 11 8	0	0	1	13	124	80	3	0	0	0	0	18 13 6 19 8 11 B
B 18 7 12 19 12 7	0	0	0	4	69	172	23	0	0	0	0	18 12 7 19 7 12 B
B 18 8 11 19 13 6	0	0	0	1	26	157	119	2	0	0	0	18 11 8 19 6 13 B
B 18 9 10 19 14 5	0	0	0	0	9	77	208	19	0	0	0	18 10 9 19 5 14 B
B 18 10 9 19 15 4	0	0	0	0	3	26	156	107	2	0	0	18 9 10 19 4 15 B
B 18 11 8 19 16 3	0	0	0	0	1	8	62	190	21	0	0	18 8 11 19 3 16 B
B 18 12 7 19 17 2	0	0	0	0	0	2	17	125	99	0	0	18 7 12 19 2 17 B
B 18 13 6 19 18 1	0	0	0	0	0	0	3	35	112	4	0	18 6 13 19 1 18 B
B 18 14 5 19 19 0	0	0	0	0	0	0	0	5	32	23	0	18 5 14 19 0 19 B
						$\Delta\tau = 11$						
A 18 0 18 19 6 13	0	0	1	0	0	0	0	0	0	0	0	18 18 0 19 13 6 C
A 18 1 17 19 7 12	0	0	2	3	0	0	0	0	0	0	0	18 17 1 19 12 7 C
A 18 2 16 19 8 11	0	0	1	11	2	0	0	0	0	0	0	18 16 2 19 11 8 C
A 18 3 16 19 9 11	0	0	0	1	1	0	0	0	0	0	0	18 16 3 19 11 9 C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	18	3	15	19	9	10	0	0	0	12	14	1	0	0	0	0	0	18	15	3	19	10	9	C
A	18	4	15	19	10	10	0	0	0	1	2	1	0	0	0	0	0	18	15	4	19	10	10	C
A	18	4	14	19	10	9	0	0	0	5	39	6	0	0	0	0	0	18	14	4	19	9	10	C
A	18	5	14	19	11	9	0	0	0	0	3	2	0	0	0	0	0	18	14	5	19	9	11	C
A	18	5	13	19	11	8	0	0	0	1	41	40	2	0	0	0	0	18	13	5	19	8	11	C
A	18	6	13	19	12	8	0	0	0	0	3	6	1	0	0	0	0	18	13	6	19	8	12	C
A	18	6	12	19	12	7	0	0	0	0	16	85	15	0	0	0	0	18	12	6	19	7	12	C
A	18	7	12	19	13	7	0	0	0	0	1	7	5	0	0	0	0	18	12	7	19	7	13	C
A	18	7	11	19	13	6	0	0	0	0	2	71	77	2	0	0	0	18	11	7	19	6	13	C
A	18	8	11	19	14	6	0	0	0	0	0	5	10	2	0	0	0	18	11	8	19	6	14	C
A	18	8	10	19	14	5	0	0	0	0	0	21	133	15	0	0	0	18	10	8	19	5	14	C
A	18	9	10	19	15	5	0	0	0	0	0	2	10	5	0	0	0	18	10	9	19	5	15	C
A	18	9	9	19	15	4	0	0	0	0	0	3	87	85	2	0	0	18	9	9	19	4	15	C
A	18	10	9	19	16	4	0	0	0	0	0	0	5	10	1	0	0	18	9	10	19	4	16	C
A	18	10	8	19	16	3	0	0	0	0	0	0	18	150	19	0	0	18	8	10	19	3	16	C
A	18	11	8	19	17	3	0	0	0	0	0	0	1	9	4	0	0	18	8	11	19	3	17	C
A	18	11	7	19	17	2	0	0	0	0	0	0	2	86	89	0	0	18	7	11	19	2	17	C
A	18	12	7	19	18	2	0	0	0	0	0	0	0	3	6	0	0	18	7	12	19	2	18	C
A	18	12	6	19	18	1	0	0	0	0	0	0	0	13	99	4	0	18	6	12	19	1	18	C
A	18	13	6	19	19	1	0	0	0	0	0	0	0	0	2	1	0	18	6	13	19	1	19	C
A	18	13	5	19	19	0	0	0	0	0	0	0	0	1	22	23	0	18	5	13	19	0	19	C
												$\Delta\tau$ = 12												
B	18	0	18	19	7	13	0	0	1	0	0	0	0	0	0	0	0	18	18	0	19	13	7	B
B	18	1	17	19	8	12	0	0	1	2	0	0	0	0	0	0	0	18	17	1	19	12	8	B
B	18	2	16	19	9	11	0	0	0	4	2	0	0	0	0	0	0	18	16	2	19	11	9	B
B	18	3	15	19	10	10	0	0	0	3	6	1	0	0	0	0	0	18	15	3	19	10	10	B
B	18	4	14	19	11	9	0	0	0	1	10	5	1	0	0	0	0	18	14	4	19	9	11	B
B	18	5	13	19	12	8	0	0	0	0	7	12	2	0	0	0	0	18	13	5	19	8	12	B
B	18	6	12	19	13	7	0	0	0	0	2	14	7	0	0	0	0	18	12	6	19	7	13	B
B	18	7	11	19	14	6	0	0	0	0	0	8	15	2	0	0	0	18	11	7	19	6	14	B
B	18	8	10	19	15	5	0	0	0	0	0	2	15	6	0	0	0	18	10	8	19	5	15	B
B	18	9	9	19	16	4	0	0	0	0	0	0	6	12	1	0	0	18	9	9	19	4	16	B
B	18	10	8	19	17	3	0	0	0	0	0	0	1	11	5	0	0	18	8	10	19	3	17	B
B	18	11	7	19	18	2	0	0	0	0	0	0	0	3	7	0	0	18	7	11	19	2	18	B
B	18	12	6	19	19	1	0	0	0	0	0	0	0	0	3	1	0	18	6	12	19	1	19	B
												$\Delta\tau$ = 13												
C	18	0	18	19	7	12	0	0	1	0	0	0	0	0	0	0	0	18	18	0	19	12	7	A
C	18	1	17	19	8	11	0	0	1	1	0	0	0	0	0	0	0	18	17	1	19	11	8	A
C	18	2	16	19	9	10	0	0	0	3	1	0	0	0	0	0	0	18	16	2	19	10	9	A
C	18	3	15	19	10	9	0	0	0	3	4	0	0	0	0	0	0	18	15	3	19	9	10	A
C	18	4	14	19	11	8	0	0	0	1	6	2	0	0	0	0	0	18	14	4	19	8	11	A
C	18	5	13	19	12	7	0	0	0	0	5	6	0	0	0	0	0	18	13	5	19	7	12	A
C	18	6	12	19	13	6	0	0	0	0	1	7	2	0	0	0	0	18	12	6	19	6	13	A
C	18	7	11	19	14	5	0	0	0	0	0	4	5	0	0	0	0	18	11	7	19	5	14	A
C	18	8	10	19	15	4	0	0	0	0	0	1	5	1	0	0	0	18	10	8	19	4	15	A
C	18	9	9	19	16	3	0	0	0	0	0	0	2	2	0	0	0	18	9	9	19	3	16	A
C	18	10	8	19	17	2	0	0	0	0	0	0	0	2	0	0	0	18	8	10	19	2	17	A
C	18	11	7	19	18	1	0	0	0	0	0	0	0	1	1	0	0	18	7	11	19	1	18	A
												$\Delta\tau$ = 14												
B	18	4	15	19	11	8	0	0	0	0	1	0	0	0	0	0	0	18	15	4	19	8	11	B
B	18	5	14	19	12	7	0	0	0	0	1	1	0	0	0	0	0	18	14	5	19	7	12	B
B	18	6	13	19	13	6	0	0	0	0	0	1	0	0	0	0	0	18	13	6	19	6	13	B
B	18	7	12	19	14	5	0	0	0	0	0	1	1	0	0	0	0	18	12	7	19	5	14	B
B	18	8	11	19	15	4	0	0	0	0	0	0	1	0	0	0	0	18	11	8	19	4	15	B
B	18	9	10	19	16	3	0	0	0	0	0	0	1	1	0	0	0	18	10	9	19	3	16	B

J K_{-1} K_{+1} — J K_{-1} K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
B 18 10 9 19 17 2	0	0	0	0	0	0	0	1	0	0	0	18 9 10 19 2 17 B
						Δτ = 15						
A 18 7 11 19 15 4	0	0	0	0	0	0	1	0	0	0	0	18 11 7 19 4 15 C
A 18 9 9 19 17 2	0	0	0	0	0	0	0	1	0	0	0	18 9 9 19 2 17 C
J=19 ΔJ = 0												
						Δτ = 1						
A 19 10 10 19 10 9	1026316	1025751	1016490	981459	845141	501446	459931	598041	674465	727149	744079	19 10 10 19 9 10 C
C 19 10 9 19 11 9	692763	678686	635062	572757	464667	354895	576952	773240	818776	830597	831316	19 9 10 19 9 11 A
A 19 11 9 19 11 8	1241842	1241393	1234041	1206485	1104414	833446	478459	608240	704940	769632	790263	19 9 11 19 8 11 C
C 19 11 8 19 12 8	636316	624544	588153	536611	449891	342762	338041	578415	640469	655910	656842	19 8 11 19 8 12 A
A 19 12 8 19 12 7	1477895	1477536	1471668	1449784	1370511	1179828	698616	596495	723820	805610	831316	19 8 12 19 7 12 C
C 19 12 7 19 13 7	574737	564908	534568	491797	420967	337023	243216	387833	480696	501650	502895	19 7 12 19 7 13 A
A 19 13 7 19 13 6	1734474	1734188	1729514	1712135	1649914	1506885	1144193	605072	725652	834101	867237	19 7 13 19 6 13 C
C 19 13 6 19 14 6	508026	499895	474821	439570	381683	314872	231402	217667	337179	367737	369474	19 6 13 19 6 14 A
A 19 14 6 19 14 5	2011579	2011353	2007671	1994002	1945388	1835988	1581988	862918	704513	853063	898026	19 6 14 19 5 14 C
C 19 14 5 19 15 5	436184	429586	409249	380705	334048	280911	216793	142273	204365	253988	256579	19 5 14 19 5 15 A
A 19 15 5 19 15 4	2309211	2309037	2306200	2295680	2258415	2175506	1990284	1450016	763149	857744	923684	19 5 15 19 4 15 C
C 19 15 4 19 16 4	359211	354033	338079	315709	279239	237985	189158	125263	103867	159852	164211	19 4 15 19 4 16 A
A 19 16 4 19 16 3	2627368	2627240	2625142	2617368	2589894	2529170	2395960	2039428	1234075	842464	944211	19 4 16 19 3 16 C
C 19 16 3 19 17 3	277105	273273	261470	244927	217998	187644	152039	106624	66675	83547	92368	19 3 16 19 3 17 A
A 19 17 3 19 17 2	2966053	2965965	2964527	2959203	2940414	2899044	2809170	2577350	2065656	951894	959605	19 3 17 19 2 17 C
C 19 17 2 19 18 2	189868	187336	179535	168605	150827	130824	107457	78047	50857	32837	41053	19 2 17 19 2 18 A
A 19 18 2 19 18 1	3325263	3325212	3324377	3321283	3310376	3286415	3234633	3103222	2831757	1734137	969868	19 2 18 19 1 18 C
C 19 18 1 19 19 1	97500	96239	92357	86919	78077	68135	56542	42024	28791	13472	10263	19 1 18 19 1 19 A
A 19 19 1 19 19 0	3705000	3704983	3704706	3703682	3700070	3692141	3675036	3631854	3544266	3177506	1950000	19 1 19 19 0 19 C
						Δτ = 2						
B 19 9 10 19 10 9	744079	761170	816475	902417	1080959	1527481	1080959	902417	816475	761170	744079	19 10 9 19 9 10 B
B 19 10 10 19 11 9	692763	706991	753069	824429	963058	1121231	1064192	902380	816475	761170	744079	19 10 10 19 9 11 B
B 19 10 9 19 11 8	692763	706991	753069	824431	964049	1264997	1314385	983665	878262	811051	790263	19 9 10 19 8 11 B
B 19 11 9 19 12 8	636316	648222	686809	746483	861760	1025202	1129965	982908	878260	811051	790263	19 9 11 19 8 12 B
B 19 11 8 19 12 7	636316	648222	686809	746483	861813	1036600	1520736	1078580	940561	857134	831316	19 8 11 19 7 12 B
B 19 12 8 19 13 7	574737	584683	616933	666781	762593	900932	1089878	1065270	940503	857134	831316	19 8 12 19 7 13 B
B 19 12 7 19 13 6	574737	584683	616933	666781	762595	901573	1200968	1282254	1007661	900320	867237	19 7 12 19 6 13 B
B 19 13 7 19 14 6	508026	516256	542952	584209	663295	776743	956996	1115595	1006270	900320	867237	19 7 13 19 6 14 B
B 19 13 6 19 14 5	508026	516256	542952	584209	663295	776775	964336	1528250	1098568	942382	898026	19 6 13 19 5 14 B
B 19 14 6 19 15 5	436184	442864	464538	498036	562162	653703	800556	1049270	1071382	942365	898026	19 6 14 19 5 15 B
B 19 14 5 19 15 4	436184	442864	464538	498036	562162	653704	800918	1183443	1362374	987394	923684	19 5 14 19 4 15 B
B 19 15 5 19 16 4	359211	364454	381467	407765	458077	529712	644035	868060	1074746	986593	923684	19 5 15 19 4 16 B
B 19 15 4 19 16 3	359211	364454	381467	407765	458077	529712	644050	876152	1478425	1055051	944211	19 4 15 19 3 16 B
B 19 16 4 19 17 3	277105	280986	293579	313047	350281	403231	487450	654422	909183	1029918	944211	19 4 16 19 3 17 B
B 19 16 3 19 17 2	277105	280986	293579	313047	350281	403231	487450	654721	980407	1343115	959605	19 3 16 19 2 17 B
B 19 17 3 19 18 2	189868	192433	200759	213629	238243	273228	328787	438646	623080	973764	959605	19 3 17 19 2 18 B
B 19 17 2 19 18 1	189868	192433	200759	213629	238243	273228	328787	438654	625406	1457204	969868	19 2 17 19 1 18 B
B 19 18 2 19 19 1	97500	98777	102920	109326	121578	138989	166625	221198	313491	596426	969868	19 2 18 19 1 19 B
B 19 18 1 19 19 0	97500	98777	102920	109326	121578	138989	166625	221198	313529	650101	1950000	19 1 18 19 0 19 B
						Δτ = 3						
A 19 9 10 19 11 9	0	81	1400	6386	25458	131198	446976	598006	674465	727149	744079	19 10 9 19 9 11 C
C 19 10 10 19 11 8	692763	678686	635062	572756	463839	270720	42652	9073	1976	113	0	19 10 10 19 8 11 A
A 19 10 9 19 12 8	0	57	989	4489	17484	56131	339368	607516	704938	769632	790263	19 9 10 19 8 12 C
C 19 11 9 19 12 7	636316	624544	588153	536611	449846	335581	101757	13080	2803	160	0	19 9 11 19 7 12 A
A 19 11 8 19 13 7	0	40	689	3118	12018	33744	151586	584217	723761	805610	831316	19 8 11 19 7 13 C
C 19 12 8 19 13 6	574737	564908	534568	491797	420965	336578	196479	21558	4041	230	0	19 8 12 19 6 13 A
A 19 12 7 19 14 6	0	27	468	2116	8100	22263	63676	455138	724239	834101	867237	19 7 12 19 6 14 C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	19	13	7	19	14	5	508026	499895	474821	439570	381683	314849	227905	52383	6073	338	0	19	7	13	19	5	14	A
A	19	13	6	19	15	5	0	18	306	1382	5266	14312	36614	199897	677496	853045	898026	19	6	13	19	5	15	C
C	19	14	6	19	15	4	436184	429586	409249	380705	334048	280910	216599	108117	11585	519	0	19	6	14	19	4	15	A
A	19	14	5	19	16	4	C	11	189	850	3229	8706	21797	71488	463789	856919	923684	19	5	14	19	4	16	C
C	19	15	5	19	16	3	359211	354033	338079	315709	279239	237985	189149	122907	32517	864	0	19	5	15	19	3	16	A
A	19	15	4	19	17	3	0	6	105	474	1797	4817	11905	33708	154045	816403	944211	19	4	15	19	3	17	C
C	19	16	4	19	17	2	277105	273273	261470	244927	217998	187644	152039	106521	56946	1990	0	19	4	16	19	2	17	A
A	19	16	3	19	18	2	0	3	49	222	839	2240	5486	15076	43664	546574	959605	19	3	16	19	2	18	C
C	19	17	3	19	18	1	189868	187336	179535	168605	150827	130824	107457	78044	50458	7450	0	19	3	17	19	1	18	A
A	19	17	2	19	19	1	0	1	15	70	263	700	1701	4591	12052	107204	969868	19	2	17	19	1	19	C
C	19	18	2	19	19	0	97500	96239	92357	86919	78077	68135	56542	42024	28783	11355	0	19	2	18	19	0	19	A
												$\Delta\tau$ = 5												
A	19	9	11	19	11	8	0	81	1400	6386	24856	40868	6933	1427	319	19	0	19	11	9	19	8	11	C
C	19	9	10	19	12	8	0	10	171	751	2927	16047	32053	9063	1976	113	0	19	10	9	19	8	12	A
A	19	10	10	19	12	7	0	57	989	4489	17458	44839	23741	2804	604	35	0	19	10	10	19	7	12	C
C	19	10	9	19	13	7	0	5	92	397	1466	4724	26452	12851	2803	160	0	19	9	10	19	7	13	A
A	19	11	9	19	13	6	0	40	689	3118	12017	33159	54416	6548	1181	68	0	19	9	11	19	6	13	C
C	19	11	8	19	14	6	0	3	48	207	741	1980	9087	17001	4034	230	0	19	8	11	19	6	14	A
A	19	12	8	19	14	5	0	27	468	2116	8100	22239	53408	23317	2490	138	0	19	8	12	19	5	14	C
C	19	12	7	19	15	5	0	1	24	103	364	924	2524	14879	5873	338	0	19	7	12	19	5	15	A
A	19	13	7	19	15	4	0	18	306	1382	5266	14311	36164	59591	7044	302	0	19	7	13	19	4	15	C
C	19	13	6	19	16	4	0	1	11	48	168	414	959	4919	7670	519	0	19	6	13	19	4	16	A
A	19	14	6	19	16	3	0	11	189	850	3229	8706	21782	57196	30013	755	0	19	6	14	19	3	16	C
C	19	14	5	19	17	3	0	0	5	20	69	168	368	1051	5291	840	0	19	5	14	19	3	17	A
A	19	15	5	19	17	2	0	6	105	474	1797	4817	11905	33201	60342	2840	0	19	5	15	19	2	17	C
C	19	15	4	19	18	2	0	0	2	7	23	56	118	273	1039	1250	0	19	4	15	19	2	18	A
A	19	16	4	19	18	1	0	3	49	222	839	2240	5486	15065	38493	18692	0	19	4	16	19	1	18	C
C	19	16	3	19	19	1	0	0	0	1	5	12	24	53	117	719	0	19	3	16	19	1	19	A
A	19	17	3	19	19	0	0	1	15	70	263	700	1701	4591	11979	34696	0	19	3	17	19	0	19	C
												$\Delta\tau$ = 6												
B	19	8	11	19	11	8	0	19	355	1784	10704	65116	10704	1784	355	19	0	19	11	8	19	8	11	B
B	19	9	11	19	12	8	0	10	190	939	4408	12104	8209	1783	355	19	0	19	11	9	19	8	12	B
B	19	9	10	19	12	7	0	10	190	939	4510	31750	35896	3508	671	36	0	19	10	9	19	7	12	B
B	19	10	10	19	13	7	0	6	102	496	2253	7692	12012	3449	671	36	0	19	10	10	19	7	13	B
B	19	10	9	19	13	6	0	6	102	496	2257	9481	63147	8205	1313	70	0	19	9	10	19	6	13	B
B	19	11	9	19	14	6	0	3	53	258	1141	3900	10847	6556	1311	70	0	19	9	11	19	6	14	B
B	19	11	8	19	14	5	0	3	53	258	1141	3966	25804	28838	2769	142	0	19	8	11	19	5	14	B
B	19	12	8	19	15	5	0	1	27	129	561	1847	6133	9957	2680	142	0	19	8	12	19	5	15	B
B	19	12	7	19	15	4	0	1	27	129	561	1849	7232	59513	7837	310	0	19	7	12	19	4	15	B
B	19	13	7	19	16	4	0	1	13	60	259	829	2710	8820	5304	310	0	19	7	13	19	4	16	B
B	19	13	6	19	16	3	0	1	13	60	259	829	2742	24328	32531	774	0	19	6	13	19	3	16	B
B	19	14	6	19	17	3	0	0	5	25	107	335	1051	4266	7281	753	0	19	6	14	19	3	17	B
B	19	14	5	19	17	2	0	0	5	25	107	335	1052	5262	46925	2913	0	19	5	14	19	2	17	B
B	19	15	5	19	18	2	0	0	2	9	36	111	337	1344	4489	1851	0	19	5	15	19	2	18	B
B	19	15	4	19	18	1	0	0	2	9	36	111	337	1363	10355	18896	0	19	4	15	19	1	18	B
B	19	16	4	19	19	1	0	0	0	2	8	23	70	262	1034	2388	0	19	4	16	19	1	19	B
B	19	16	3	19	19	0	0	0	0	2	8	23	70	263	1168	26135	0	19	3	16	19	0	19	B
												$\Delta\tau$ = 7												
A	19	8	11	19	12	8	0	0	0	10	228	4578	5297	1425	319	19	0	19	11	8	19	8	12	C
C	19	9	11	19	12	7	0	10	171	751	2860	5810	1083	27	1	0	0	19	11	9	19	7	12	A
A	19	9	10	19	13	7	0	0	0	4	71	1311	7433	2756	603	35	0	19	10	9	19	7	13	C
C	19	10	10	19	13	6	0	5	92	397	1464	3822	3346	87	3	0	0	19	10	10	19	6	13	A
A	19	10	9	19	14	6	0	0	0	2	26	274	5061	5221	1179	68	0	19	9	10	19	6	14	C
C	19	11	9	19	14	5	0	3	48	207	741	1947	3681	432	9	0	0	19	9	11	19	5	14	A
A	19	11	8	19	15	5	0	0	0	1	10	82	1212	7698	2410	138	0	19	8	11	19	5	15	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	19	12	8	19	15	4	0	1	24	103	364	923	2137	1528	35	0	0	19	8	12	19	4	15	A
A	19	12	7	19	16	4	0	0	0	0	3	27	226	5410	4752	302	0	19	7	12	19	4	16	C
C	19	13	7	19	16	3	0	1	11	48	168	414	947	1709	219	0	0	19	7	13	19	3	16	A
A	19	13	6	19	17	3	0	0	0	0	1	8	56	1131	6263	734	0	19	6	13	19	3	17	C
C	19	14	6	19	17	2	0	0	5	20	69	168	368	850	628	2	0	19	6	14	19	2	17	A
A	19	14	5	19	18	2	0	0	0	0	0	2	13	135	2749	1803	0	19	5	14	19	2	18	C
C	19	15	5	19	18	1	0	0	2	7	23	56	118	269	444	17	0	19	5	15	19	1	18	A
A	19	15	4	19	19	1	0	0	0	0	0	0	2	15	223	2278	0	19	4	15	19	1	19	C
C	19	16	4	19	19	0	0	0	0	1	5	12	24	52	103	54	0	19	4	16	19	0	19	A
												$\Delta\tau = 9$												
A	19	8	12	19	12	7	0	0	0	10	175	638	123	3	0	0	0	19	12	8	19	7	12	C
C	19	8	11	19	13	7	0	0	0	1	19	371	350	27	1	0	0	19	11	8	19	7	13	A
A	19	9	11	19	13	6	0	0	0	4	69	486	521	14	1	0	0	19	11	9	19	6	13	C
C	19	9	10	19	14	6	0	0	0	0	4	76	405	69	3	0	0	19	10	9	19	6	14	A
A	19	10	10	19	14	5	0	0	0	2	26	222	765	91	2	0	0	19	10	10	19	5	14	C
C	19	10	9	19	15	5	0	0	0	0	1	11	194	145	9	0	0	19	9	10	19	5	15	A
A	19	11	9	19	15	4	0	0	0	1	10	80	499	449	10	0	0	19	9	11	19	4	15	C
C	19	11	8	19	16	4	0	0	0	0	0	2	31	172	24	0	0	19	8	11	19	4	16	A
A	19	12	8	19	16	3	0	0	0	0	3	27	191	690	89	0	0	19	8	12	19	3	16	C
C	19	12	7	19	17	3	0	0	0	0	0	1	4	77	47	0	0	19	7	12	19	3	17	A
A	19	13	7	19	17	2	0	0	0	0	1	8	55	401	369	1	0	19	7	13	19	2	17	C
C	19	13	6	19	18	2	0	0	0	0	0	0	1	9	40	1	0	19	6	13	19	2	18	A
A	19	14	6	19	18	1	0	0	0	0	0	2	13	109	369	15	0	19	6	14	19	1	18	C
C	19	14	5	19	19	1	0	0	0	0	0	0	0	0	7	2	0	19	5	14	19	1	19	A
A	19	15	5	19	19	0	0	0	0	0	0	0	2	15	96	76	0	19	5	15	19	0	19	C
												$\Delta\tau = 10$												
B	19	7	12	19	12	7	0	0	0	4	189	1232	189	4	0	0	0	19	12	7	19	7	12	B
B	19	8	12	19	13	7	0	0	0	1	22	107	61	4	0	0	0	19	12	8	19	7	13	B
B	19	8	11	19	13	6	0	0	0	1	29	739	799	17	1	0	0	19	11	8	19	6	13	B
B	19	9	11	19	14	6	0	0	0	0	7	56	101	14	1	0	0	19	11	9	19	6	14	B
B	19	9	10	19	14	5	0	0	0	0	7	152	1127	114	2	0	0	19	10	9	19	5	14	B
B	19	10	10	19	15	5	0	0	0	0	2	18	86	39	2	0	0	19	10	10	19	5	15	B
B	19	10	9	19	15	4	0	0	0	0	2	23	554	561	11	0	0	19	9	10	19	4	15	B
B	19	11	9	19	16	4	0	0	0	0	0	5	37	65	8	0	0	19	9	11	19	4	16	B
B	19	11	8	19	16	3	0	0	0	0	0	5	90	837	99	0	0	19	8	11	19	3	16	B
B	19	12	8	19	17	3	0	0	0	0	0	1	9	51	21	0	0	19	8	12	19	3	17	B
B	19	12	7	19	17	2	0	0	0	0	0	1	11	385	409	1	0	19	7	12	19	2	17	B
B	19	13	7	19	18	2	0	0	0	0	0	0	2	16	27	1	0	19	7	13	19	2	18	B
B	19	13	6	19	18	1	0	0	0	0	0	0	2	45	393	15	0	19	6	13	19	1	18	B
B	19	14	6	19	19	1	0	0	0	0	0	0	0	2	10	2	0	19	6	14	19	1	19	B
B	19	14	5	19	19	0	0	0	0	0	0	0	0	2	73	77	0	19	5	14	19	0	19	B
												$\Delta\tau = 11$												
A	19	7	12	19	13	7	0	0	0	0	3	52	40	3	0	0	0	19	12	7	19	7	13	C
C	19	8	12	19	13	6	0	0	0	1	15	53	17	0	0	0	0	19	12	8	19	6	13	A
A	19	8	11	19	14	6	0	0	0	0	0	21	66	11	1	0	0	19	11	8	19	6	14	C
C	19	9	11	19	14	5	0	0	0	0	4	28	35	1	0	0	0	19	11	9	19	5	14	A
A	19	9	10	19	15	5	0	0	0	0	0	3	54	31	2	0	0	19	10	9	19	5	15	C
C	19	10	10	19	15	4	0	0	0	0	1	9	30	6	0	0	0	19	10	10	19	4	15	A
A	19	10	9	19	16	4	0	0	0	0	0	0	17	52	7	0	0	19	9	10	19	4	16	C
C	19	11	9	19	16	3	0	0	0	0	0	2	13	13	0	0	0	19	9	11	19	3	16	A
A	19	11	8	19	17	3	0	0	0	0	0	0	2	39	19	0	0	19	8	11	19	3	17	C
C	19	12	8	19	17	2	0	0	0	0	0	1	3	10	2	0	0	19	8	12	19	2	17	A
A	19	12	7	19	18	2	0	0	0	0	0	0	0	10	24	1	0	19	7	12	19	2	18	C
C	19	13	7	19	18	1	0	0	0	0	0	0	1	3	3	0	0	19	7	13	19	1	18	A
A	19	13	6	19	19	1	0	0	0	0	0	0	0	1	8	2	0	19	6	13	19	1	19	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	19	14	6	19	19	0	0	0	0	0	0	0	0	0	1	0	0	19	6	14	19	0	19	A
												Δτ = 13												
A	19	7	13	19	13	6	0	0	0	0	1	4	1	0	0	0	0	19	13	7	19	6	13	C
C	19	7	12	19	14	6	0	0	0	0	0	3	2	0	0	0	0	19	12	7	19	6	14	A
A	19	8	12	19	14	5	0	0	0	0	0	3	4	0	0	0	0	19	12	8	19	5	14	C
C	19	8	11	19	15	5	0	0	0	0	0	1	3	0	0	0	0	19	11	8	19	5	15	A
A	19	9	11	19	15	4	0	0	0	0	0	1	5	1	0	0	0	19	11	9	19	4	15	C
C	19	9	10	19	16	4	0	0	0	0	0	0	1	1	0	0	0	19	10	9	19	4	16	A
A	19	10	10	19	16	3	0	0	0	0	0	0	3	3	0	0	0	19	10	10	19	3	16	C
C	19	10	9	19	17	3	0	0	0	0	0	0	0	1	0	0	0	19	9	10	19	3	17	A
A	19	11	9	19	17	2	0	0	0	0	0	0	1	3	1	0	0	19	9	11	19	2	17	C
A	19	12	8	19	18	1	C	0	0	0	0	0	0	1	1	0	0	19	8	12	19	1	18	C
A	19	13	7	19	19	0	0	0	0	0	0	0	0	0	1	0	0	19	7	13	19	0	19	C
												Δτ = 14												
B	19	6	13	19	13	6	0	0	0	0	2	9	2	0	0	C	0	19	13	6	19	6	13	B
B	19	7	12	19	14	5	0	0	0	0	0	6	6	0	0	0	0	19	12	7	19	5	14	B
B	19	8	11	19	15	4	0	0	0	0	0	2	7	1	0	0	0	19	11	8	19	4	15	B
B	19	9	10	19	16	3	0	0	0	0	0	0	4	3	0	0	0	19	10	9	19	3	16	B
B	19	10	9	19	17	2	0	0	0	0	0	0	1	4	1	0	0	19	9	10	19	2	17	B
B	19	11	8	19	18	1	0	0	0	0	0	0	0	2	1	0	0	19	8	11	19	1	18	B
B	19	12	7	19	19	0	0	0	0	0	0	0	0	0	1	0	0	19	7	12	19	0	19	B
J=19			ΔJ = 1																					
												Δτ = 0												
B	19	10	9	20	11	10	1162500	1145963	1091564	1004591	821872	549288	661627	896607	1002644	1067801	1087500	19	9	10	20	10	11	B
B	19	11	8	20	12	9	1240000	1226090	1180500	1108379	962243	721141	530600	779886	912441	991352	1015000	19	8	11	20	9	12	B
B	19	12	7	20	13	8	1320000	1308340	1270224	1210335	1091432	906548	586135	646761	818573	916195	945000	19	7	12	20	8	13	B
B	19	13	6	20	14	7	1402500	1392819	1361230	1311825	1214938	1069584	805703	534382	716262	841562	877500	19	6	13	20	7	14	B
B	19	14	5	20	15	6	1487500	1479597	1453847	1413704	1335605	1220766	1024154	608611	600131	765908	812500	19	5	14	20	6	15	B
B	19	15	4	20	16	5	1575000	1568726	1548303	1516541	1455080	1365799	1217781	885355	544609	685775	750000	19	4	15	20	5	16	B
B	19	16	3	20	17	4	1665000	1660241	1644762	1620732	1574409	1507642	1398890	1169188	742126	597162	690000	19	3	16	20	4	17	B
B	19	17	2	20	18	3	1757500	1754170	1743345	1726563	1694299	1648036	1573467	1420940	1136470	589734	632500	19	2	17	20	3	18	B
B	19	18	1	20	19	2	1852500	1850533	1844142	1834243	1815248	1788104	1744624	1657111	1502249	950213	577500	19	1	18	20	2	19	B
B	19	19	0	20	20	1	1950000	1949346	1947222	1943933	1937624	1928616	1914213	1885366	1835116	1646608	1050000	19	0	19	20	1	20	B
												Δτ = 1												
C	19	0	19	20	1	19	1050000	419203	266563	228159	208694	200895	197263	195606	195135	195008	195000	19	19	0	20	19	1	A
C	19	1	19	20	2	19	577500	396950	266555	228159	208694	200895	197263	195606	195135	195008	195000	19	19	1	20	19	2	A
C	19	1	18	20	2	18	577500	894225	519336	444599	406672	391480	384407	381179	380263	380015	380000	19	18	1	20	18	2	A
C	19	2	18	20	3	18	632500	669958	518725	444597	406672	391480	384407	381179	380263	380015	380000	19	18	2	20	18	3	A
C	19	2	17	20	3	17	632500	901200	771190	649423	593952	571757	561432	556721	555383	555022	555000	19	17	2	20	17	3	A
C	19	3	17	20	4	17	690000	767271	747389	649375	593952	571757	561432	556721	555383	555022	555000	19	17	3	20	17	4	A
C	19	3	16	20	4	16	690000	785289	1077242	843159	770571	741729	728335	722229	720497	720029	720000	19	16	3	20	16	4	A
C	19	4	16	20	5	16	750000	809515	909351	841502	770570	741729	728335	722229	720497	720029	720000	19	16	4	20	16	5	A
C	19	4	15	20	5	15	750000	810158	1099095	1048195	936590	901406	885118	877705	875602	875035	875000	19	15	4	20	15	5	A
C	19	5	15	20	6	15	812500	857019	979950	1009559	936555	901406	885118	877705	875602	875035	875000	19	15	5	20	15	6	A
C	19	5	14	20	6	14	812500	857034	1001924	1274163	1092236	1050807	1031780	1023146	1020700	1020040	1020000	19	14	5	20	14	6	A
C	19	6	14	20	7	14	877500	912274	1016454	1120216	1091294	1050805	1031780	1023146	1020700	1020040	1020000	19	14	6	20	14	7	A
C	19	6	13	20	7	13	877500	912275	1017754	1237324	1249600	1189950	1168321	1158552	1155790	1155046	1155000	19	13	6	20	13	7	A
C	19	7	13	20	8	13	945000	973058	1057988	1170752	1227983	1189913	1168321	1158552	1155790	1155046	1155000	19	13	7	20	13	8	A
C	19	7	12	20	8	12	945000	973058	1058051	1182703	1435959	1318993	1294741	1283919	1280871	1280050	1280000	19	12	7	20	12	8	A
C	19	8	12	20	9	12	1015000	1038126	1108374	1205547	1324545	1318068	1294740	1283919	1280871	1280050	1280000	19	12	8	20	12	9	A
C	19	8	11	20	9	11	1015000	1038126	1108376	1206357	1441849	1449105	1411024	1399244	1395942	1395054	1395000	19	11	8	20	11	9	A
C	19	9	11	20	10	11	1087500	1106815	1165645	1247187	1374327	1429355	1410995	1399244	1395942	1395054	1395000	19	11	9	20	11	10	A
C	19	9	10	20	10	10	1087500	1106815	1165645	1247233	1389350	1594293	1517232	1504516	1501000	1500058	1500000	19	10	9	20	10	10	A

	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	κ $\mp.3$	0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	
C 19	10	10	20	11	10	1162500	1178744	1228331	1297074	1408345	1507198	1516468	1504516	1501000	1500058	1500000	19	10	10	20 10	11	A
C 19	10	9	20	11	9	1162500	1178744	1228331	1297076	1409470	1591924	1622573	1599706	1596041	1595060	1595000	19	9	10	20 9	11	A
C 19	11	9	20	12	9	1240000	1253681	1295522	1353581	1447524	1550036	1606353	1599699	1596041	1595060	1595000	19	9	11	20 9	12	A
C 19	11	8	20	12	8	1240000	1253681	1295522	1353581	1447598	1560240	1731108	1684728	1681052	1680061	1680000	19	8	11	20 8	12	A
C 19	12	8	20	13	8	1320000	1331479	1366636	1415486	1494385	1583063	1668756	1684506	1681052	1680061	1680000	19	8	12	20 8	13	A
C 19	12	7	20	13	7	1320000	1331479	1366636	1415486	1494389	1583836	1726245	1762686	1755999	1755058	1755000	19	7	12	20 7	13	A
C 19	13	7	20	14	7	1402500	1412038	1441285	1481981	1547689	1621403	1705491	1756586	1755995	1755058	1755000	19	7	13	20 7	14	A
C 19	13	6	20	14	6	1402500	1412038	1441285	1481981	1547689	1621454	1711828	1842922	1820781	1820049	1820000	19	6	13	20 6	14	A
C 19	14	6	20	15	6	1487500	1495290	1519202	1552518	1606341	1666579	1736832	1808746	1820614	1820049	1820000	19	6	14	20 6	15	A
C 19	14	5	20	15	5	1487500	1495290	1519202	1552518	1606341	1666582	1737292	1855434	1878123	1875021	1875000	19	5	14	20 5	15	A
C 19	15	5	20	16	5	1575000	1581187	1600196	1626711	1669590	1717547	1773367	1841181	1873041	1875021	1875000	19	5	15	20 5	16	A
C 19	15	4	20	16	4	1575000	1581187	1600196	1626711	1669590	1717547	1773394	1846897	1927271	1919922	1920000	19	4	15	20 4	16	A
C 19	16	4	20	17	4	1665000	1669695	1684128	1704282	1736909	1773413	1815823	1868741	1909201	1919909	1920000	19	4	16	20 4	17	A
C 19	16	3	20	17	3	1665000	1669695	1684128	1704282	1736909	1773413	1815824	1869114	1929967	1955100	1955000	19	3	16	20 3	17	A
C 19	17	3	20	18	3	1757500	1760786	1770894	1785021	1807915	1833551	1863326	1900470	1933343	1954193	1955000	19	3	17	20 3	18	A
C 19	17	2	20	18	2	1757500	1760786	1770894	1785021	1807915	1833551	1863326	1900487	1935085	1980549	1980000	19	2	17	20 2	18	A
C 19	18	2	20	19	2	1852500	1854442	1860416	1868771	1882324	1897515	1915165	1937167	1957037	1976917	1980000	19	2	18	20 2	19	A
C 19	18	1	20	19	1	1852500	1854442	1860416	1868771	1882324	1897515	1915165	1937167	1957115	1985882	1995000	19	1	18	20 1	19	A
C 19	19	1	20	20	1	1950000	1950645	1952631	1955409	1959916	1964968	1970837	1978148	1984751	1992412	1995000	19	1	19	20 1	20	A
C 19	19	0	20	20	0	1950000	1950645	1952631	1955409	1959916	1964968	1970837	1978148	1984753	1992882	2000000	19	0	19	20 0	20	A
											$\Delta\tau$ =	2										
B 19	1	19	20	2	18	577500	62937	11484	6722	4572	3659	3142	2805	2637	2532	2500	19 19	1	20	18	2	B
B 19	2	18	20	3	17	632500	336317	37379	20610	13829	11010	9434	8415	7911	7595	7500	19 18	2	20	17	3	B
B 19	3	17	20	4	16	690000	578402	109243	42273	27897	22086	18880	16827	15818	15190	15000	19 17	3	20	16	4	B
B 19	4	16	20	5	15	750000	685107	331968	75866	46898	36906	31474	28032	26354	25314	25000	19 16	4	20	15	5	B
B 19	5	15	20	6	14	812500	765892	576740	167626	70881	55457	47190	42010	39507	37964	37500	19 15	5	20	14	6	B
B 19	6	14	20	7	13	877500	841561	714848	404263	101934	77628	65965	58723	55257	53135	52500	19 14	6	20	13	7	B
B 19	7	13	20	8	12	945000	916195	818506	633415	176061	103058	87651	78101	73571	70819	70000	19 13	7	20	12	8	B
B 19	8	12	20	9	11	1015000	991352	912439	778957	387170	133871	111900	100013	94387	91001	90000	19 12	8	20	11	9	B
B 19	9	11	20	10	10	1087500	1067801	1002644	896554	643593	211836	137924	124206	117601	113655	112500	19 11	9	20	10	10	B
B 19	10	10	20	11	9	1162500	1145963	1091564	1004589	820455	434918	167909	150155	143016	138738	137500	19 10	10	20	9	11	B
B 19	11	9	20	12	8	1240000	1226090	1180500	1108379	962149	707285	251150	176717	170256	166168	165000	19 9	11	20	8	12	B
B 19	12	8	20	13	7	1320000	1308340	1270224	1210335	1091427	905447	495243	203596	198532	195789	195000	19 8	12	20	7	13	B
B 19	13	7	20	14	6	1402500	1392819	1361230	1311825	1214938	1069512	795421	270676	226104	227286	227500	19 7	13	20	6	14	B
B 19	14	6	20	15	5	1487500	1479597	1453847	1413704	1335605	1220763	1023377	509585	253774	259940	262500	19 6	14	20	5	15	B
B 19	15	5	20	16	4	1575000	1568726	1548303	1516541	1455080	1365799	1217735	873179	349038	291967	300000	19 5	15	20	4	16	B
B 19	16	4	20	17	3	1665000	1660241	1644762	1620732	1574409	1507642	1398888	1168359	680601	322340	340000	19 4	16	20	3	17	B
B 19	17	3	20	18	2	1757500	1754170	1743345	1726563	1694299	1648036	1573467	1420900	1131097	430480	382500	19 3	17	20	2	18	B
B 19	18	2	20	19	1	1852500	1850533	1844142	1834243	1815248	1788104	1744624	1657110	1502002	896321	427500	19 2	18	20	1	19	B
B 19	19	1	20	20	0	1950000	1949346	1947222	1943933	1937624	1928616	1914213	1885366	1835111	1643646	950000	19 1	19	20	0	20	B
											$\Delta\tau$ =	3										
A 19	0	19	20	2	18	0	1521	1157	1349	1603	1831	2044	2245	2374	2469	2500	19 19	0	20	18	2	C
A 19	1	19	20	3	18	0	671	1153	1349	1603	1831	2044	2245	2374	2469	2500	19 19	1	20	18	3	C
A 19	1	18	20	3	17	0	3903	3847	4174	4870	5526	6146	6739	7123	7407	7500	19 18	1	20	17	3	C
A 19	2	18	20	4	17	0	943	3602	4173	4870	5526	6146	6739	7123	7407	7500	19 18	2	20	17	4	C
A 19	2	17	20	4	16	0	1462	11203	8735	9909	11137	12333	13495	14253	14814	15000	19 17	2	20	16	4	C
A 19	3	17	20	5	16	0	685	6578	8685	9909	11137	12333	13495	14253	14814	15000	19 17	3	20	16	5	C
A 19	3	16	20	5	15	0	704	19888	16302	16914	18759	20652	22531	23771	24694	25000	19 16	3	20	15	5	C
A 19	4	16	20	6	15	0	470	7350	14833	16910	18759	20652	22531	23771	24694	25000	19 16	4	20	15	6	C
A 19	4	15	20	6	14	0	470	10513	35011	26270	28554	31181	33881	35691	37048	37500	19 15	4	20	14	6	C
A 19	5	15	20	7	14	0	342	5985	20069	26178	28554	31181	33881	35691	37048	37500	19 15	5	20	14	7	C
A 19	5	14	20	7	13	0	342	6176	43879	39696	40614	44051	47601	50036	51882	52500	19 14	5	20	13	7	C
A 19	6	14	20	8	13	0	261	4585	19959	37606	40804	44051	47601	50036	51882	52500	19 14	6	20	13	8	C
A 19	6	13	20	8	12	0	261	4593	24416	70031	56131	59491	63782	66847	69205	70000	19 13	6	20	12	8	C
A 19	7	13	20	9	12	0	206	3594	16449	47379	55922	59490	63782	66847	69205	70000	19 13	7	20	12	9	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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A	19	8	12	20	10	11	0	166	2882	13138	47767	73406	77891	82584	86189	89033	90000	19	12	8	20	11	10	C
A	19	8	11	20	10	10	0	166	2882	13151	59787	125888	100173	104279	108175	111390	112500	19	11	8	20	10	10	C
A	19	9	11	20	11	10	0	135	2345	10624	40641	86653	99788	104278	108175	111390	112500	19	11	9	20	10	11	C
A	19	9	10	20	11	9	0	135	2345	10624	41487	156206	131194	129361	133002	136321	137500	19	10	9	20	9	11	C
A	19	10	10	20	12	9	0	111	1923	8677	33046	84512	124061	129346	133002	136321	137500	19	10	10	20	9	12	C
A	19	10	9	20	12	8	0	111	1923	8677	33090	100324	202020	158849	161025	163907	165000	19	9	10	20	8	12	C
A	19	11	9	20	13	8	0	91	1579	7109	26869	71352	140038	158522	161024	163907	165000	19	9	11	20	8	13	C
A	19	11	8	20	13	7	0	91	1579	7109	26871	72397	233175	197287	192922	194299	195000	19	8	11	20	7	13	C
A	19	12	8	20	14	7	0	74	1291	5804	21830	57709	132122	191019	192895	194299	195000	19	8	12	20	7	14	C
A	19	12	7	20	14	6	0	74	1291	5804	21831	57763	150655	282793	230228	227793	227500	19	7	12	20	6	14	C
A	19	13	7	20	15	6	0	60	1043	4687	17580	46178	108848	213610	229585	227793	227500	19	7	13	20	6	15	C
A	19	13	6	20	15	5	0	60	1043	4687	17580	46180	109934	353790	281884	265021	262500	19	6	13	20	5	15	C
A	19	14	6	20	16	5	0	48	826	3710	13891	36345	85303	199937	268566	265013	262500	19	6	14	20	5	16	C
A	19	14	5	20	16	4	0	48	826	3710	13891	36345	85353	233831	409727	307566	300000	19	5	14	20	4	16	C
A	19	15	5	20	17	4	0	36	632	2838	10615	27712	64711	157860	283692	307182	300000	19	5	15	20	4	17	C
A	19	15	4	20	17	3	0	36	632	2838	10615	27712	64713	159719	440800	364488	340000	19	4	15	20	3	17	C
A	19	16	4	20	18	3	0	26	456	2046	7651	19949	46450	113134	237420	352135	340000	19	4	16	20	3	18	C
A	19	16	3	20	18	2	0	26	456	2046	7651	19949	46450	113200	260029	527007	382500	19	3	16	20	2	18	C
A	19	17	3	20	19	2	0	17	294	1318	4927	12838	29849	72442	156524	353327	382500	19	3	17	20	2	19	C
A	19	17	2	20	19	1	0	17	294	1318	4927	12838	29849	72443	157243	579147	427500	19	2	17	20	1	19	C
A	19	18	2	20	20	1	0	8	142	639	2390	6225	14466	35052	75762	216587	427500	19	2	18	20	1	20	C
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B	19	1	18	20	4	17	0	13924	34721	20603	13829	11010	9434	8415	7911	7595	7500	19	18	1	20	17	4	B
B	19	2	17	20	5	16	0	2355	54070	41991	27897	22086	18880	16827	15818	15190	15000	19	17	2	20	16	5	B
B	19	3	16	20	6	15	0	699	29147	67649	46886	36906	31474	28032	26354	25314	25000	19	16	3	20	15	6	B
B	19	4	15	20	7	14	0	313	7732	70917	70578	55457	47190	42010	39507	37964	37500	19	15	4	20	14	7	B
B	19	5	14	20	8	13	0	161	3099	30861	95129	77605	65965	58723	55257	53135	52500	19	14	5	20	13	8	B
B	19	6	13	20	9	12	0	90	1669	10010	95502	102563	87649	78101	73571	70819	70000	19	13	6	20	12	9	B
B	19	7	12	20	10	11	0	53	973	4955	46622	124355	111865	100013	94387	91001	90000	19	12	7	20	11	10	B
B	19	8	11	20	11	10	0	33	592	2923	16206	112280	137222	124205	117601	113655	112500	19	11	8	20	10	11	B
B	19	9	10	20	12	9	0	20	369	1797	8175	51014	155291	150133	143016	138738	137500	19	10	9	20	9	12	B
B	19	10	9	20	13	8	0	13	233	1124	4913	18641	128439	176240	170255	166168	165000	19	9	10	20	8	13	B
B	19	11	8	20	14	7	0	8	147	705	3023	9768	53739	194597	198499	195789	195000	19	8	11	20	7	14	B
B	19	12	7	20	15	6	0	5	91	437	1851	5778	19776	165550	225291	227286	227500	19	7	12	20	6	15	B
B	19	13	6	20	16	5	0	3	55	263	1106	3390	10167	70156	237104	259931	262500	19	6	13	20	5	16	B
B	19	14	5	20	17	4	0	2	31	150	629	1905	5535	22579	172707	291546	300000	19	5	14	20	4	17	B
B	19	15	4	20	18	3	0	1	16	78	327	982	2803	9710	54730	308627	340000	19	4	15	20	3	18	B
B	19	16	3	20	19	2	0	0	7	34	143	429	1209	4036	14258	220692	382500	19	3	16	20	2	19	B
B	19	17	2	20	20	1	0	0	2	10	42	126	354	1155	3673	42233	427500	19	2	17	20	1	20	B
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C	19	1	19	20	4	17	0	1694	760	230	74	29	11	3	1	0	0	19	19	1	20	17	4	A
C	19	1	18	20	4	16	0	13301	6078	1103	336	128	46	12	3	0	0	19	18	1	20	16	4	A
C	19	2	18	20	5	16	0	1460	3291	1096	336	128	46	12	3	0	0	19	18	2	20	16	5	A
C	19	2	17	20	5	15	0	2297	29408	3639	965	358	128	33	7	0	0	19	17	2	20	15	5	A
C	19	3	17	20	6	15	0	663	5776	3280	965	358	128	33	7	0	0	19	17	3	20	15	6	A
C	19	3	16	20	6	14	0	682	25188	13786	2282	812	286	74	16	1	0	19	16	3	20	14	6	A
C	19	4	16	20	7	14	0	305	4729	6863	2273	812	286	74	16	1	0	19	16	4	20	14	7	A
C	19	4	15	20	7	13	0	306	6979	39205	5047	1641	566	144	32	2	0	19	15	4	20	13	7	A
C	19	5	15	20	8	13	0	157	2704	8556	4748	1641	566	144	32	2	0	19	15	5	20	13	8	A
C	19	5	14	20	8	12	0	157	2794	24217	13670	3117	1037	261	57	3	0	19	14	5	20	12	8	A
C	19	6	14	20	9	12	0	88	1501	6451	8349	3104	1037	261	57	3	0	19	14	6	20	12	9	A

	J	K₋₁	K₊₁	J	K₋₁	K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K₋₁	K₊₁	J	K₋₁	K₊₁	
C	19	6	13	20	9	11	0	88	1503	8062	37322	5939	1818	449	98	6	0	19	13	6	20	11	9	A
C	19	7	13	20	10	11	0	52	876	3910	10244	5572	1817	449	98	6	0	19	13	7	20	11	10	A
C	19	7	12	20	10	10	0	52	876	3977	29212	14384	3120	746	161	9	0	19	12	7	20	10	10	A
C	19	8	12	20	11	10	0	32	533	2339	8202	8769	3106	746	161	9	0	19	12	8	20	10	11	A
C	19	8	11	20	11	9	0	32	533	2342	10659	34900	5528	1219	261	15	0	19	11	8	20	9	11	A
C	19	9	11	20	12	9	0	20	332	1439	5228	9979	5174	1219	261	15	0	19	11	9	20	9	12	A
C	19	9	10	20	12	8	0	20	332	1439	5348	24887	12740	1989	417	24	0	19	10	9	20	8	12	A
C	19	10	10	20	13	8	0	13	210	900	3199	7707	7656	1984	417	24	0	19	10	10	20	8	13	A
C	19	10	9	20	13	7	0	13	210	900	3203	9466	28753	3347	668	38	0	19	9	10	20	7	13	A
C	19	11	9	20	14	7	0	8	132	564	1967	4842	8211	3221	668	38	0	19	9	11	20	7	14	A
C	19	11	8	20	14	6	0	8	132	564	1968	4923	18552	7072	1088	60	0	19	8	11	20	6	14	A
C	19	12	8	20	15	6	0	5	82	350	1204	2897	5991	4827	1084	60	0	19	8	12	20	6	15	A
C	19	12	7	20	15	5	0	5	82	350	1204	2900	7041	17606	1882	99	0	19	7	12	20	5	15	A
C	19	13	7	20	16	5	0	3	50	210	719	1698	3546	5325	1776	99	0	19	7	13	20	5	16	A
C	19	13	6	20	16	4	0	3	50	210	719	1698	3588	13486	4431	170	0	19	6	13	20	4	16	A
C	19	14	6	20	17	4	0	2	28	120	409	953	1943	3745	2600	169	0	19	6	14	20	4	17	A
C	19	14	5	20	17	3	0	2	28	120	409	953	1944	4594	10494	316	0	19	5	14	20	3	17	A
C	19	15	5	20	18	3	0	1	15	63	212	491	983	1929	2475	304	0	19	5	15	20	3	18	A
C	19	15	4	20	18	2	0	1	15	63	212	491	983	1957	5400	848	0	19	4	15	20	2	18	A
C	19	16	4	20	19	2	0	0	7	28	93	214	424	809	1279	496	0	19	4	16	20	2	19	A
C	19	16	3	20	19	1	0	0	7	28	93	214	424	809	1440	2722	0	19	3	16	20	1	19	A
C	19	17	3	20	20	1	0	0	2	8	28	63	124	231	366	380	0	19	3	17	20	1	20	A
C	19	17	2	20	20	0	0	0	2	8	28	63	124	231	368	1020	0	19	2	17	20	0	20	A
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B	19	2	18	20	5	15	0	1495	2113	146	27	8	3	1	0	0	0	19	18	2	20	15	5	B
B	19	3	17	20	6	14	0	680	5939	997	109	31	9	2	0	0	0	19	17	3	20	14	6	B
B	19	4	16	20	7	13	0	313	5209	5483	372	95	28	6	1	0	0	19	16	4	20	13	7	B
B	19	5	15	20	8	12	0	161	2999	9962	1509	256	72	16	3	0	0	19	15	5	20	12	8	B
B	19	6	14	20	9	11	0	90	1666	7971	6912	683	171	37	8	0	0	19	14	6	20	11	9	B
B	19	7	13	20	10	10	0	53	973	4871	13951	2348	398	82	17	1	0	19	13	7	20	10	10	B
B	19	8	12	20	11	9	0	33	592	2920	12341	9471	957	178	35	2	0	19	12	8	20	9	11	B
B	19	9	11	20	12	8	0	20	369	1797	7987	17592	3086	388	75	4	0	19	11	9	20	8	12	B
B	19	10	10	20	13	7	0	13	233	1124	4906	15028	11859	881	159	9	0	19	10	10	20	7	13	B
B	19	11	9	20	14	6	0	8	147	705	3022	9604	20713	2605	351	18	0	19	9	11	20	6	14	B
B	19	12	8	20	15	5	0	5	91	437	1851	5772	16684	10733	845	42	0	19	8	12	20	5	15	B
B	19	13	7	20	16	4	0	3	55	263	1106	3390	10045	22457	2930	101	0	19	7	13	20	4	16	B
B	19	14	6	20	17	3	0	2	31	150	629	1905	5531	18172	13209	282	0	19	6	14	20	3	17	B
B	19	15	5	20	18	2	0	1	16	78	327	982	2803	9567	22148	1230	0	19	5	15	20	2	18	B
B	19	16	4	20	19	1	0	0	7	34	143	429	1209	4033	12592	8523	0	19	4	16	20	1	19	B
B	19	17	3	20	20	0	0	0	2	10	42	126	354	1155	3651	13918	0	19	3	17	20	0	20	B
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A	19	1	19	20	5	16	0	2	9	4	1	1	0	0	0	0	0	19	19	1	20	16	5	C
A	19	1	18	20	5	15	0	14	210	29	10	4	2	0	0	0	0	19	18	1	20	15	5	C
A	19	2	18	20	6	15	0	1	37	26	10	4	2	0	0	0	0	19	18	2	20	15	6	C
A	19	2	17	20	6	14	0	1	516	199	38	16	6	2	0	0	0	19	17	2	20	14	6	C
A	19	3	17	20	7	14	0	0	47	97	38	16	6	2	0	0	0	19	17	3	20	14	7	C
A	19	3	16	20	7	13	0	0	216	1072	130	47	18	5	1	0	0	19	16	3	20	13	7	C
A	19	4	16	20	8	13	0	0	27	190	122	47	18	5	1	0	0	19	16	4	20	13	8	C
A	19	4	15	20	8	12	0	0	40	1547	528	128	47	13	3	0	0	19	15	4	20	12	8	C
A	19	5	15	20	9	12	0	0	11	179	318	128	47	13	3	0	0	19	15	5	20	12	9	C
A	19	5	14	20	9	11	0	0	11	528	2377	342	111	30	7	0	0	19	14	5	20	11	9	C
A	19	6	14	20	10	11	0	0	5	98	553	321	111	30	7	0	0	19	14	6	20	11	10	C
A	19	6	13	20	10	10	0	0	5	123	3958	1175	259	66	15	1	0	19	13	6	20	10	10	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	19	7	13	20	11	10	0	0	2	44	538	703	258	66	15	1	0	19	13	7	20	10	11	C
A	19	7	12	20	11	9	0	0	2	45	1647	4626	622	143	32	2	0	19	12	7	20	9	11	C
A	19	8	12	20	12	9	0	0	1	20	318	1083	582	143	32	2	0	19	12	8	20	9	12	C
A	19	8	11	20	12	8	0	0	1	20	415	6804	2007	310	67	4	0	19	11	8	20	8	12	C
A	19	9	11	20	13	8	0	0	0	9	151	973	1179	309	67	4	0	19	11	9	20	8	13	C
A	19	9	10	20	13	7	0	0	0	9	154	2596	7486	705	143	8	0	19	10	9	20	7	13	C
A	19	10	10	20	14	7	0	0	0	4	69	549	1686	678	143	8	0	19	10	10	20	7	14	C
A	19	10	9	20	14	6	0	0	0	4	69	678	9902	2086	316	18	0	19	9	10	20	6	14	C
A	19	11	9	20	15	6	0	0	0	2	32	251	1389	1403	315	18	0	19	9	11	20	6	15	C
A	19	11	8	20	15	5	0	0	0	2	32	256	3342	8438	761	41	0	19	8	11	20	5	15	C
A	19	12	8	20	16	5	0	0	0	1	14	109	713	2122	717	41	0	19	8	12	20	5	16	C
A	19	12	7	20	16	4	0	0	0	1	14	109	841	14109	2638	99	0	19	7	12	20	4	16	C
A	19	13	7	20	17	4	0	0	0	0	6	45	289	1751	1513	98	0	19	7	13	20	4	17	C
A	19	13	6	20	17	3	0	0	0	0	6	45	293	4882	11538	275	0	19	6	13	20	3	17	C
A	19	14	6	20	18	3	0	0	0	0	2	17	104	782	2041	264	0	19	6	14	20	3	18	C
A	19	14	5	20	18	2	0	0	0	0	2	17	104	965	13809	1200	0	19	5	14	20	2	18	C
A	19	15	5	20	19	2	0	0	0	0	1	5	31	230	1180	693	0	19	5	15	20	2	19	C
A	19	15	4	20	19	1	0	0	0	0	1	5	31	233	2730	8181	0	19	4	15	20	1	19	C
A	19	16	4	20	20	1	0	0	0	0	0	1	6	42	255	887	0	19	4	16	20	1	20	C
A	19	16	3	20	20	0	0	0	0	0	0	1	6	42	288	9943	0	19	3	16	20	0	20	C
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B	19	1	18	20	6	15	0	14	361	131	27	8	3	1	0	0	0	19	18	1	20	15	6	B
B	19	2	17	20	7	14	0	1	406	486	109	31	9	2	0	0	0	19	17	2	20	14	7	B
B	19	3	16	20	8	13	0	0	111	923	350	95	28	6	1	0	0	19	16	3	20	13	8	B
B	19	4	15	20	9	12	0	0	15	689	906	255	72	16	3	0	0	19	15	4	20	12	9	B
B	19	5	14	20	10	11	0	0	3	162	1537	641	171	37	8	0	0	19	14	5	20	11	10	B
B	19	6	13	20	11	10	0	0	1	28	1228	1400	396	82	17	1	0	19	13	6	20	10	11	B
B	19	7	12	20	12	9	0	0	0	8	343	2088	894	178	35	2	0	19	12	7	20	9	12	B
B	19	8	11	20	13	8	0	0	0	3	64	1477	1804	387	75	4	0	19	11	8	20	8	13	B
B	19	9	10	20	14	7	0	0	0	1	18	375	2478	847	159	9	0	19	10	9	20	7	14	B
B	19	10	9	20	15	6	0	0	0	0	6	71	1539	1748	350	18	0	19	9	10	20	6	15	B
B	19	11	8	20	16	5	0	0	0	0	2	19	334	2569	797	42	0	19	8	11	20	5	16	B
B	19	12	7	20	17	4	0	0	0	0	1	6	57	1681	1675	101	0	19	7	12	20	4	17	B
B	19	13	6	20	18	3	0	0	0	0	0	2	13	324	2169	271	0	19	6	13	20	3	18	B
B	19	14	5	20	19	2	0	0	0	0	0	0	3	36	892	711	0	19	5	14	20	2	19	B
B	19	15	4	20	20	1	0	0	0	0	0	0	0	4	68	891	0	19	4	15	20	1	20	B
												$\Delta\tau$ = 9												
C	19	0	19	20	5	15	0	61	45	2	0	0	0	0	0	0	0	19	19	0	20	15	5	A
C	19	1	19	20	6	15	0	2	8	1	0	0	0	0	0	0	0	19	19	1	20	15	6	A
C	19	1	18	20	6	14	0	14	302	26	1	0	0	0	0	0	0	19	18	1	20	14	6	A
C	19	2	18	20	7	14	0	1	24	12	1	0	0	0	0	0	0	19	18	2	20	14	7	A
C	19	2	17	20	7	13	0	1	364	250	8	1	0	0	0	0	0	19	17	2	20	13	7	A
C	19	3	17	20	8	13	0	0	22	43	7	1	0	0	0	0	0	19	17	3	20	13	8	A
C	19	3	16	20	8	12	0	0	100	695	47	4	0	C	0	0	0	19	16	3	20	12	8	A
C	19	4	16	20	9	12	0	0	9	64	28	4	0	0	0	0	0	19	16	4	20	12	9	A
C	19	4	15	20	9	11	0	0	13	549	321	14	1	0	0	0	0	19	15	4	20	11	9	A
C	19	5	15	20	10	11	0	0	3	44	73	13	1	0	0	0	0	19	15	5	20	11	10	A
C	19	5	14	20	10	10	0	0	3	129	898	68	5	0	0	0	0	19	14	5	20	10	10	A
C	19	6	14	20	11	10	0	0	1	18	101	41	5	0	0	0	0	19	14	6	20	10	11	A
C	19	6	13	20	11	9	0	0	1	22	790	384	15	1	0	0	0	19	13	6	20	9	11	A
C	19	7	13	20	12	9.	0	0	0	6	72	87	14	1	0	0	0	19	13	7	20	9	12	A
C	19	7	12	20	12	8	0	0	0	6	223	939	66	2	0	0	0	19	12	7	20	8	12	A
C	19	8	12	20	13	8	0	0	0	2	32	106	39	2	0	0	0	19	12	8	20	8	13	A
C	19	8	11	20	13	7	0	0	0	2	41	731	349	7	0	0	0	19	11	8	20	7	13	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 19 9 11 20 14 7	0	0	0	1	11	70	76	7	0	0	0	19 11 9 20 7 14 A
C 19 9 10 20 14 6	0	0	0	1	12	188	784	28	1	0	0	19 10 9 20 6 14 A
C 19 10 10 20 15 6	0	0	0	0	4	29	83	19	1	0	0	19 10 10 20 6 15 A
C 19 10 9 20 15 5	0	0	0	0	4	35	534	158	3	0	0	19 9 10 20 5 15 A
C 19 11 9 20 16 5	0	0	0	0	1	9	48	39	3	0	0	19 9 11 20 5 16 A
C 19 11 8 20 16 4	0	0	0	0	1	10	117	444	13	0	0	19 8 11 20 4 16 A
C 19 12 8 20 17 4	0	0	0	0	0	3	17	44	8	0	0	19 8 12 20 4 17 A
C 19 12 7 20 17 3	0	0	0	0	0	3	20	332	87	0	0	19 7 12 20 3 17 A
C 19 13 7 20 18 3	0	0	0	0	0	1	5	23	15	0	0	19 7 13 20 3 18 A
C 19 13 6 20 18 2	0	0	0	0	0	1	5	65	198	1	0	19 6 13 20 2 18 A
C 19 14 6 20 19 2	0	0	0	0	0	0	1	6	12	0	0	19 6 14 20 2 19 A
C 19 14 5 20 19 1	0	0	0	0	0	0	1	7	89	8	0	19 5 14 20 1 19 A
C 19 15 5 20 20 1	0	0	0	0	0	0	0	1	3	1	0	19 5 15 20 1 20 A
C 19 15 4 20 20 0	0	0	0	0	0	0	0	1	7	21	0	19 4 15 20 0 20 A
						$\Delta\tau = 10$						
B 19 1 19 20 6 14	0	2	8	0	0	0	0	0	0	0	0	19 19 1 20 14 6 B
B 19 2 18 20 7 13	0	1	27	10	0	0	0	0	0	0	0	19 18 2 20 13 7 B
B 19 3 17 20 8 12	0	0	24	51	2	0	0	0	0	0	0	19 17 3 20 12 8 B
B 19 4 16 20 9 11	0	0	10	79	24	1	0	0	0	0	0	19 16 4 20 11 9 B
B 19 5 15 20 10 10	0	0	3	55	101	6	0	0	0	0	0	19 15 5 20 10 10 B
B 19 6 14 20 11 9	0	0	1	22	153	44	1	0	0	0	0	19 14 6 20 9 11 B
B 19 7 13 20 12 8	0	0	0	8	111	157	8	0	0	0	0	19 13 7 20 8 12 B
B 19 8 12 20 13 7	0	0	0	3	49	210	61	1	0	0	0	19 12 8 20 7 13 B
B 19 9 11 20 14 6	0	0	0	1	17	139	196	5	0	0	0	19 11 9 20 6 14 B
B 19 10 10 20 15 5	0	0	0	0	6	57	236	42	1	0	0	19 10 10 20 5 15 B
B 19 11 9 20 16 4	0	0	0	0	2	19	138	168	4	0	0	19 9 11 20 4 16 B
B 19 12 8 20 17 3	0	0	0	0	1	6	48	217	39	0	0	19 8 12 20 3 17 B
B 19 13 7 20 18 2	0	0	0	0	0	2	13	115	135	0	0	19 7 13 20 2 18 B
B 19 14 6 20 19 1	0	0	0	0	0	0	3	29	120	7	0	19 6 14 20 1 19 B
B 19 15 5 20 20 0	0	0	0	0	0	0	0	4	29	30	0	19 5 15 20 0 20 B
						$\Delta\tau = 11$						
A 19 0 19 20 6 14	0	0	1	0	0	0	0	0	0	0	0	19 19 0 20 14 6 C
A 19 1 18 20 7 13	0	0	3	2	0	0	0	0	0	0	0	19 18 1 20 13 7 C
A 19 2 17 20 8 12	0	0	2	10	1	0	0	0	0	0	0	19 17 2 20 12 8 C
A 19 3 17 20 9 12	0	0	0	1	0	0	0	0	0	0	0	19 17 3 20 12 9 C
A 19 3 16 20 9 11	0	0	0	15	8	0	0	0	0	0	0	19 16 3 20 11 9 C
A 19 4 16 20 10 11	0	0	0	1	2	0	0	0	0	0	0	19 16 4 20 11 10 C
A 19 4 15 20 10 10	0	0	0	8	35	3	0	0	0	0	0	19 15 4 20 10 10 C
A 19 5 15 20 11 10	0	0	0	0	4	2	0	0	0	0	0	19 15 5 20 10 11 C
A 19 5 14 20 11 9	0	0	0	1	52	22	1	0	0	0	0	19 14 5 20 9 11 C
A 19 6 14 20 12 9	0	0	0	0	4	5	1	0	0	0	0	19 14 6 20 9 12 C
A 19 6 13 20 12 8	0	0	0	0	31	78	5	0	0	0	0	19 13 6 20 8 12 C
A 19 7 13 20 13 8	0	0	0	0	2	9	3	0	0	0	0	19 13 7 20 8 13 C
A 19 7 12 20 13 7	0	0	0	0	6	102	40	1	0	0	0	19 12 7 20 7 13 C
A 19 8 12 20 14 7	0	0	0	0	1	8	9	1	0	0	0	19 12 8 20 7 14 C
A 19 8 11 20 14 6	0	0	0	0	1	53	127	4	0	0	0	19 11 8 20 6 14 C
A 19 9 11 20 15 6	0	0	0	0	0	4	13	3	0	0	0	19 11 9 20 6 15 C
A 19 9 10 20 15 5	0	0	0	0	0	10	147	34	1	0	0	19 10 9 20 5 15 C
A 19 10 10 20 16 5	0	0	0	0	0	1	10	8	1	0	0	19 10 10 20 5 16 C
A 19 10 9 20 16 4	0	0	0	0	0	1	65	134	4	0	0	19 9 10 20 4 16 C
A 19 11 9 20 17 4	0	0	0	0	0	0	4	13	2	0	0	19 9 11 20 4 17 C
A 19 11 8 20 17 3	0	0	0	0	0	0	10	169	35	0	0	19 8 11 20 3 17 C
A 19 12 8 20 18 3	0	0	0	0	0	0	1	9	6	0	0	19 8 12 20 3 18 C
A 19 12 7 20 18 2	0	0	0	0	0	0	1	71	121	0	0	19 7 12 20 2 18 C
A 19 13 7 20 19 2	0	0	0	0	0	0	0	3	7	0	0	19 7 13 20 2 19 C

	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	
A	19	13	6	20	19	1	0	0	0	0	0	0	0	8	104	7	0	19	6	13	20	1	19	C
A	19	14	6	20	20	1	0	0	0	0	0	0	0	0	2	1	0	19	6	14	20	1	20	C
A	19	14	5	20	20	0	0	0	0	0	0	0	0	0	18	29	0	19	5	14	20	0	20	C
												Δτ = 12												
B	19	0	19	20	7	14	0	0	1	0	0	0	0	0	0	0	0	19	19	0	20	14	7	B
B	19	1	18	20	8	13	0	0	1	2	0	0	0	0	0	0	0	19	18	1	20	13	8	B
B	19	2	17	20	9	12	0	0	1	5	1	0	0	0	0	0	0	19	17	2	20	12	9	B
B	19	3	16	20	10	11	0	0	0	5	5	1	0	0	0	0	0	19	16	3	20	11	10	B
B	19	4	15	20	11	10	0	0	0	2	11	3	0	0	0	0	0	19	15	4	20	10	11	B
B	19	5	14	20	12	9	0	0	0	0	11	10	1	0	0	0	0	19	14	5	20	9	12	B
B	19	6	13	20	13	8	0	0	0	0	5	17	5	0	0	0	0	19	13	6	20	8	13	B
B	19	7	12	20	14	7	0	0	0	0	1	15	13	1	0	0	0	19	12	7	20	7	14	B
B	19	8	11	20	15	6	0	0	0	0	0	6	20	4	0	0	0	19	11	8	20	6	15	B
B	19	9	10	20	16	5	0	0	0	0	0	1	15	10	1	0	0	19	10	9	20	5	16	B
B	19	10	9	20	17	4	0	0	0	0	0	0	4	16	2	0	0	19	9	10	20	4	17	B
B	19	11	8	20	18	3	0	0	0	0	0	0	0	11	7	0	0	19	8	11	20	3	18	B
B	19	12	7	20	19	2	0	0	0	0	0	0	0	3	8	0	0	19	7	12	20	2	19	B
B	19	13	6	20	20	1	0	0	0	0	0	0	0	0	3	1	0	19	6	13	20	1	20	B
												Δτ = 13												
C	19	0	19	20	7	13	0	0	1	0	0	0	0	0	0	0	0	19	19	0	20	13	7	A
C	19	1	18	20	8	12	0	0	1	1	0	0	0	0	0	0	0	19	18	1	20	12	8	A
C	19	2	17	20	9	11	0	0	1	4	0	0	0	0	0	0	0	19	17	2	20	11	9	A
C	19	3	16	20	10	10	0	0	0	4	3	0	0	0	0	0	0	19	16	3	20	10	10	A
C	19	4	15	20	11	9	0	0	0	2	7	1	0	0	0	0	0	19	15	4	20	9	11	A
C	19	5	15	20	12	9	0	0	0	0	1	0	0	0	0	0	0	19	15	5	20	9	12	A
C	19	5	14	20	12	8	0	0	0	0	7	5	0	0	0	0	0	19	14	5	20	8	12	A
C	19	6	13	20	13	7	0	0	0	0	3	8	1	0	0	0	0	19	13	6	20	7	13	A
C	19	7	13	20	14	7	0	0	0	0	0	1	0	0	0	0	0	19	13	7	20	7	14	A
C	19	7	12	20	14	6	0	0	0	0	0	7	4	0	0	0	0	19	12	7	20	6	14	A
C	19	8	11	20	15	5	0	0	0	0	0	3	7	0	0	0	0	19	11	8	20	5	15	A
C	19	9	10	20	16	4	0	0	0	0	0	0	5	2	0	0	0	19	10	9	20	4	16	A
C	19	10	9	20	17	3	0	0	0	0	0	0	2	3	0	0	0	19	9	10	20	3	17	A
C	19	11	8	20	18	2	0	0	0	0	0	0	0	2	1	0	0	19	8	11	20	2	18	A
C	19	12	7	20	19	1	0	0	0	0	0	0	0	1	1	0	0	19	7	12	20	1	19	A
												Δτ = 14												
B	19	4	16	20	11	9	0	0	0	0	1	0	0	0	0	0	0	19	16	4	20	9	11	B
B	19	5	15	20	12	8	0	0	0	0	1	0	0	0	0	0	0	19	15	5	20	8	12	B
B	19	6	14	20	13	7	0	0	0	0	1	1	0	0	0	0	0	19	14	6	20	7	13	B
B	19	7	13	20	14	6	0	0	0	0	0	1	1	0	0	0	0	19	13	7	20	6	14	B
B	19	8	12	20	15	5	0	0	0	0	0	1	1	0	0	0	0	19	12	8	20	5	15	B
B	19	9	11	20	16	4	0	0	0	0	0	0	1	0	0	0	0	19	11	9	20	4	16	B
B	19	10	10	20	17	3	0	0	0	0	0	0	1	1	0	0	0	19	10	10	20	3	17	B
B	19	11	9	20	18	2	0	0	0	0	0	0	0	1	0	0	0	19	9	11	20	2	18	B
												Δτ = 15												
A	19	6	13	20	14	6	0	0	0	0	0	1	0	0	0	0	0	19	13	6	20	6	14	C
A	19	7	12	20	15	5	0	0	0	0	0	0	1	0	0	0	0	19	12	7	20	5	15	C
A	19	8	11	20	16	4	0	0	0	0	0	0	1	0	0	0	0	19	11	8	20	4	16	C
A	19	9	10	20	17	3	0	0	0	0	0	0	0	1	0	0	0	19	10	9	20	3	17	C
A	19	10	9	20	18	2	0	0	0	0	0	0	0	1	0	0	0	19	9	10	20	2	18	C
J=20		ΔJ = 0																						
												Δτ = 1												
C	20	10	10	20	11	10	756548	740304	689880	617409	488583	417496	754351	923032	964607	975525	976190	20	10	10	20	10	11	A
A	20	11	10	20	11	9	1181190	1180658	1171937	1139118	1015174	672880	477333	636146	725181	785898	805357	20	10	11	20	9	11	C

	J	K_{-1}	K_{+1} – J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} – J	K_{-1}	K_{+1}	
C	20	11	9	20	12	9	702857	689181	646858	586683	483995	358182	481909	721832	775988	789872	790714	20	9	11	20	9	12 A
A	20	12	9	20	12	8	1405714	1405285	1398259	1371991	1275840	1033103	553089	637514	751056	825613	849286	20	9	12	20	8	12 C
C	20	12	8	20	13	8	644286	632746	597099	546725	462630	360272	293278	530703	605562	623673	624762	20	8	12	20	8	13 A
A	20	13	8	20	13	7	1649762	1649415	1643743	1622618	1546515	1367589	890384	617072	764260	858834	888333	20	8	13	20	7	13 C
C	20	13	7	20	14	7	580833	571135	541211	499076	429555	348116	246650	339886	452242	476882	478333	20	7	13	20	7	14 A
A	20	14	7	20	14	6	1913333	1913054	1908498	1891562	1831098	1693357	1356891	668451	758203	884412	922500	20	7	14	20	6	14 C
C	20	14	6	20	15	6	512500	504440	479588	444672	387436	321718	240445	191523	313040	349406	351429	20	6	14	20	6	15 A
A	20	15	6	20	15	5	2196429	2196207	2192592	2179176	2131531	2024750	1780588	1045021	732307	899942	951786	20	6	15	20	5	15 C
C	20	15	5	20	16	5	439286	432723	412498	384120	337774	285110	221975	141560	183105	241028	244048	20	5	15	20	5	16 A
A	20	16	5	20	16	4	2499048	2498876	2496076	2485694	2448945	2367346	2186105	1670909	846980	899867	976190	20	5	16	20	4	16 C
C	20	16	4	20	17	4	361190	356029	340126	317830	281496	240436	191963	128771	95475	151084	156190	20	4	16	20	4	17 A
A	20	17	4	20	17	3	2821190	2821063	2818984	2811280	2784063	2723963	2592451	2244220	1432710	880380	995714	20	4	17	20	3	17 C
C	20	17	3	20	18	3	278214	274388	262604	246090	219212	188927	153438	108307	67024	77727	87857	20	3	17	20	3	18 A
A	20	18	3	20	18	2	3162857	3162770	3161341	3156047	3137371	3096270	3007075	2777834	2279439	1029164	1010357	20	3	18	20	2	18 C
C	20	18	2	20	19	2	190357	187826	180030	169109	151345	131361	108024	78678	51586	30906	39048	20	2	18	20	2	19 A
A	20	19	2	20	19	1	3524048	3523997	3523164	3520082	3509216	3485348	3433794	3303136	3034465	1915398	1020119	20	2	19	20	1	19 C
C	20	19	1	20	20	1	97619	96359	92477	87041	78200	68262	56673	42164	28946	13389	9762	20	1	19	20	1	20 A
A	20	20	1	20	20	0	3904762	3904745	3904469	3903447	3899847	3891943	3874896	3831890	3744806	3383079	2050000	20	1	20	20	0	20 C
												Δτ = 2											
B	20	10	11	20	11	10	756548	772958	826090	908514	1068816	1202280	1068816	908514	826090	772958	756548	20	11	10	20	10	11 B
B	20	10	10	20	11	9	756548	772958	826090	908519	1072155	1515420	1216754	987559	888506	824989	805357	20	10	10	20	9	11 B
B	20	11	10	20	12	9	702857	716685	761485	830828	965445	1146397	1164327	987454	888506	824989	805357	20	10	11	20	9	12 B
B	20	11	9	20	12	8	702857	716685	761485	830828	965644	1194415	1526682	1072144	950177	873117	849286	20	9	11	20	8	12 B
B	20	12	9	20	13	8	644286	655960	693805	752324	865155	1028426	1194640	1070220	950172	873117	849286	20	9	12	20	8	13 B
B	20	12	8	20	13	7	644286	655960	693805	752324	865165	1031351	1499263	1183006	1013624	917921	888333	20	8	12	20	7	13 B
B	20	13	8	20	14	7	580833	590649	622479	671681	766161	902455	1108630	1150916	1013494	917921	888333	20	8	13	20	7	14 B
B	20	13	7	20	14	6	580833	590649	622479	671681	766162	902622	1152348	1459417	1084265	960446	922500	20	7	13	20	6	14 B
B	20	14	7	20	15	6	512500	520659	547128	588038	666429	778727	959300	1176181	1081472	960446	922500	20	7	14	20	6	15 B
B	20	14	6	20	15	5	512500	520659	547128	588038	666429	778735	961693	1552403	1194448	1002747	951786	20	6	14	20	5	15 B
B	20	15	6	20	16	5	439286	445930	467490	500814	564598	655595	801524	1068943	1143655	1002716	951786	20	6	15	20	5	16 B
B	20	15	5	20	16	4	439286	445930	467490	500814	564598	655596	801644	1139405	1514374	1049647	976190	20	5	15	20	4	16 B
B	20	16	5	20	17	4	361190	366417	383379	409599	459759	531164	645056	870604	1119751	1048371	976190	20	5	16	20	4	17 B
B	20	16	4	20	17	3	361190	366417	383379	409599	459759	531164	645061	874011	1470043	1127658	995714	20	4	16	20	3	17 B
B	20	17	4	20	18	3	278214	282088	294662	314100	351278	404146	488220	655000	920230	1090849	995714	20	4	17	20	3	18 B
B	20	17	3	20	18	2	278214	282088	294662	314100	351278	404146	488220	655127	961805	1464284	1010357	20	3	17	20	2	18 B
B	20	18	3	20	19	2	190357	192920	201240	214102	238701	273665	329192	438997	624224	1011910	1010357	20	3	18	20	2	19 B
B	20	18	2	20	19	1	190357	192920	201240	214102	238701	273665	329192	439000	625449	1470746	1020119	20	2	18	20	1	19 B
B	20	19	2	20	20	1	97619	98895	103038	109443	121693	139102	166735	221312	313671	603105	1020119	20	2	19	20	1	20 B
B	20	19	1	20	20	0	97619	98895	103038	109443	121693	139102	166735	221312	313691	643108	2050000	20	1	19	20	0	20 B
												Δτ = 3											
C	20	10	11	20	11	9	756548	740304	689880	617405	485852	211105	32865	7967	1742	100	0	20	11	10	20	9	11 A
A	20	10	10	20	12	9	0	72	1254	5708	22428	88264	438559	636045	725181	785898	805357	20	10	10	20	9	12 C
C	20	11	10	20	12	8	702857	689181	646858	586682	483827	330021	62601	11162	2420	139	0	20	10	11	20	8	12 A
A	20	11	9	20	13	8	0	52	897	4067	15767	45978	273426	635678	751051	825613	849286	20	9	11	20	8	13 C
C	20	12	9	20	13	7	644286	632746	597099	546725	462621	358313	149151	16092	3391	194	0	20	9	12	20	7	13 A
A	20	12	8	20	14	7	0	36	631	2855	10976	30494	109997	588168	764128	858834	888333	20	8	12	20	7	14 C
C	20	13	8	20	14	6	580833	571135	541211	499076	429555	347998	227942	28922	4845	275	0	20	8	13	20	6	14 A
A	20	13	7	20	15	6	0	25	433	1954	7469	20451	54588	399988	755360	884412	922500	20	7	13	20	6	15 C
C	20	14	7	20	15	5	512500	504440	479588	444672	387436	321712	239237	72503	7330	401	0	20	7	14	20	5	15 A
A	20	14	6	20	16	5	0	16	285	1286	4893	13269	33687	154506	682248	899910	951786	20	6	14	20	5	16 C
C	20	15	6	20	16	4	439286	432723	412498	384120	337774	285110	221910	123676	15087	612	0	20	6	15	20	4	16 A
A	20	15	5	20	17	4	0	10	176	796	3019	8129	20292	62008	411623	898548	976190	20	5	15	20	4	17 C
C	20	16	5	20	17	3	361190	356029	340126	317830	281496	240436	191960	127721	41097	1019	0	20	5	16	20	3	17 A
A	20	16	4	20	18	3	0	6	99	446	1688	4524	11161	31368	127004	842158	995714	20	4	16	20	3	18 C
C	20	17	4	20	18	2	278214	274388	262604	246090	219212	188927	153438	108263	61233	2439	0	20	4	17	20	2	18 A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	20	17	3	20	19	2	0	3	47	210	792	2114	5170	14177	39715	520938	1010357	20	3	17	20	2	19	C
C	20	18	3	20	19	1	190357	187826	180030	169109	151345	131361	108024	78677	51368	8821	0	20	3	18	20	1	19	A
A	20	18	2	20	20	1	0	1	15	66	249	662	1610	4341	11369	94579	1020119	20	2	18	20	1	20	C
C	20	19	2	20	20	0	97619	96359	92477	87041	78200	68262	56673	42164	28942	11803	0	20	2	19	20	0	20	A
												Δτ = 5												
C	20	9	11	20	12	9	0	15	248	1095	4531	30628	30613	7966	1742	100	0	20	11	9	20	9	12	A
A	20	10	11	20	12	8	0	72	1254	5708	22323	49895	12253	2037	450	27	0	20	11	10	20	8	12	C
C	20	10	10	20	13	8	0	8	137	598	2261	9329	34702	11135	2420	139	0	20	10	10	20	8	13	A
A	20	11	10	20	13	7	0	52	897	4067	15762	42949	39837	3997	834	49	0	20	10	11	20	7	13	C
C	20	11	9	20	14	7	0	4	75	325	1184	3386	20475	15452	3390	194	0	20	9	11	20	7	14	A
A	20	12	9	20	14	6	0	36	631	2855	10976	30359	62723	10226	1610	92	0	20	9	12	20	6	14	C
C	20	12	8	20	15	6	0	2	40	173	616	1607	5840	18873	4830	275	0	20	8	12	20	6	15	A
A	20	13	8	20	15	5	0	25	433	1954	7469	20445	51150	36585	3414	184	0	20	8	13	20	5	15	C
C	20	13	7	20	16	5	0	1	21	88	309	776	1942	12932	6900	401	0	20	7	13	20	5	16	A
A	20	14	7	20	16	4	0	16	285	1286	4893	13269	33551	69155	10444	399	0	20	7	14	20	4	16	C
C	20	14	6	20	17	4	0	1	10	42	145	355	808	3463	8314	611	0	20	6	14	20	4	17	A
A	20	15	6	20	17	3	0	10	176	796	3019	8129	20287	55549	41728	994	0	20	6	15	20	3	17	C
C	20	15	5	20	18	3	0	0	4	18	61	146	318	834	4578	979	0	20	5	15	20	3	18	A
A	20	16	5	20	18	2	0	6	99	446	1688	4524	11161	31166	64657	3888	0	20	5	16	20	2	18	C
C	20	16	4	20	19	2	0	0	1	6	21	49	104	236	793	1387	0	20	4	16	20	2	19	A
A	20	17	4	20	19	1	0	3	47	210	792	2114	5170	14173	36949	24194	0	20	4	17	20	1	19	C
C	20	17	3	20	20	1	0	0	0	1	4	10	22	46	99	679	0	20	3	17	20	1	20	A
A	20	18	3	20	20	0	0	1	15	66	249	662	1610	4341	11332	36454	0	20	3	18	20	0	20	C
												Δτ = 6												
B	20	9	12	20	12	9	0	15	275	1370	6535	14252	6535	1370	275	15	0	20	12	9	20	9	12	B
B	20	9	11	20	12	8	0	15	275	1370	6990	57275	18900	2548	500	27	0	20	11	9	20	8	12	B
B	20	10	11	20	13	8	0	8	152	747	3466	11252	11150	2542	500	27	0	20	11	10	20	8	13	B
B	20	10	10	20	13	7	0	8	152	747	3482	18710	57221	5004	926	50	0	20	10	10	20	7	13	B
B	20	11	10	20	14	7	0	5	83	406	1823	6367	13602	4813	926	50	0	20	10	11	20	7	14	B
B	20	11	9	20	14	6	0	5	83	406	1823	6790	54827	12817	1790	95	0	20	9	11	20	6	14	B
B	20	12	9	20	15	6	0	2	45	216	947	3204	10120	8639	1784	95	0	20	9	12	20	6	15	B
B	20	12	8	20	15	5	0	2	45	216	947	3218	16723	44192	3797	189	0	20	8	12	20	5	15	B
B	20	13	8	20	16	5	0	1	23	110	475	1551	5228	11406	3581	189	0	20	8	13	20	5	16	B
B	20	13	7	20	16	4	0	1	23	110	475	1552	5560	57820	11616	409	0	20	7	13	20	4	16	B
B	20	14	7	20	17	4	0	1	11	52	223	710	2302	8524	6675	409	0	20	7	14	20	4	17	B
B	20	14	6	20	17	3	0	1	11	52	223	710	2311	17286	44108	1020	0	20	6	14	20	3	17	B
B	20	15	6	20	18	3	0	0	5	22	93	292	909	3763	8005	981	0	20	6	15	20	3	18	B
B	20	15	5	20	18	2	0	0	5	22	93	292	909	4177	42716	3988	0	20	5	15	20	2	18	B
B	20	16	5	20	19	2	0	0	2	8	32	98	296	1174	4278	2306	0	20	5	16	20	2	19	B
B	20	16	4	20	19	1	0	0	2	8	32	98	296	1181	7925	24271	0	20	4	16	20	1	19	B
B	20	17	4	20	20	1	0	0	0	2	7	21	62	232	927	2653	0	20	4	17	20	1	20	B
B	20	17	3	20	20	0	0	0	0	2	7	21	62	232	994	25300	0	20	3	17	20	0	20	B
												Δτ = 7												
C	20	9	12	20	12	8	0	15	248	1095	4234	6361	481	17	1	0	0	20	12	9	20	8	12	A
A	20	9	11	20	13	8	0	0	0	7	131	3069	7133	2033	450	27	0	20	11	9	20	8	13	C
C	20	10	11	20	13	7	0	8	137	598	2250	5535	2144	45	2	0	0	20	11	10	20	7	13	A
A	20	10	10	20	14	7	0	0	0	3	49	674	7893	3843	834	49	0	20	10	10	20	7	14	C
C	20	11	10	20	14	6	0	4	75	325	1184	3172	4271	157	5	0	0	20	10	11	20	6	14	A
A	20	11	9	20	15	6	0	0	0	1	19	177	3563	6852	1605	92	0	20	9	11	20	6	15	C
C	20	12	9	20	15	5	0	2	40	173	616	1600	3490	779	14	0	0	20	9	12	20	5	15	A
A	20	12	8	20	16	5	0	0	0	0	7	61	704	8536	3219	184	0	20	8	12	20	5	16	C
C	20	13	8	20	16	4	0	1	21	88	309	775	1825	1960	59	0	0	20	8	13	20	4	16	A
A	20	13	7	20	17	4	0	0	0	0	3	21	159	4374	5963	398	0	20	7	13	20	4	17	C
C	20	14	7	20	17	3	0	1	10	42	145	355	805	1675	344	0	0	20	7	14	20	3	17	A
A	20	14	6	20	18	3	0	0	0	0	1	6	44	733	6680	956	0	20	6	14	20	3	18	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	20	15	6	20	18	2	0	0	4	18	61	146	318	751	728	2	0	20	6	15	20	2	18	A
A	20	15	5	20	19	2	0	0	0	0	0	2	10	100	2227	2245	0	20	5	15	20	2	19	C
C	20	16	5	20	19	1	0	0	1	6	21	49	104	235	425	25	0	20	5	16	20	1	19	A
A	20	16	4	20	20	1	0	0	0	0	0	0	1	12	159	2508	0	20	4	16	20	1	20	C
C	20	17	4	20	20	0	0	0	0	1	4	10	22	46	93	61	0	20	4	17	20	0	20	A
												$\Delta\tau$ = 9												
C	20	8	12	20	13	8	0	0	0	2	48	627	282	17	1	0	0	20	12	8	20	8	13	A
A	20	9	12	20	13	7	0	0	0	7	123	690	289	6	0	0	0	20	12	9	20	7	13	C
C	20	9	11	20	14	7	0	0	0	1	10	221	461	44	2	0	0	20	11	9	20	7	14	A
A	20	10	11	20	14	6	0	0	0	3	49	402	781	28	1	0	0	20	11	10	20	6	14	C
C	20	10	10	20	15	6	0	0	0	0	3	35	392	105	5	0	0	20	10	10	20	6	15	A
A	20	11	10	20	15	5	0	0	0	1	19	166	803	190	3	0	0	20	10	11	20	5	15	C
C	20	11	9	20	16	5	0	0	0	0	1	7	124	190	13	0	0	20	9	11	20	5	16	A
A	20	12	9	20	16	4	0	0	0	0	7	60	423	660	20	0	0	20	9	12	20	4	16	C
C	20	12	8	20	17	4	0	0	0	0	0	2	17	178	34	0	0	20	8	12	20	4	17	A
A	20	13	8	20	17	3	0	0	0	0	3	21	150	746	158	0	0	20	8	13	20	3	17	C
C	20	13	7	20	18	3	0	0	0	0	0	0	2	58	58	0	0	20	7	13	20	3	18	A
A	20	14	7	20	18	2	0	0	0	0	1	6	43	358	481	2	0	20	7	14	20	2	18	C
C	20	14	6	20	19	2	0	0	0	0	0	0	0	5	40	1	0	20	6	14	20	2	19	A
A	20	15	6	20	19	1	0	0	0	0	0	2	10	90	382	24	0	20	6	15	20	1	19	C
C	20	15	5	20	20	1	0	0	0	0	0	0	0	0	6	3	0	20	5	15	20	1	20	A
A	20	16	5	20	20	0	0	0	0	0	0	0	1	12	86	96	0	20	5	16	20	0	20	C
												$\Delta\tau$ = 10												
B	20	8	13	20	13	8	0	0	0	2	43	137	43	2	0	0	0	20	13	8	20	8	13	B
B	20	8	12	20	13	7	0	0	0	2	74	1241	444	8	0	0	0	20	12	8	20	7	13	B
B	20	9	12	20	14	7	0	0	0	1	14	100	96	7	0	0	0	20	12	9	20	7	14	B
B	20	9	11	20	14	6	0	0	0	1	15	441	1188	35	1	0	0	20	11	9	20	6	14	B
B	20	10	11	20	15	6	0	0	0	0	4	42	123	24	1	0	0	20	11	10	20	6	15	B
B	20	10	10	20	15	5	0	0	0	0	4	70	1110	238	4	0	0	20	10	10	20	5	15	B
B	20	11	10	20	16	5	0	0	0	0	1	12	81	58	4	0	0	20	10	11	20	5	16	B
B	20	11	9	20	16	4	0	0	0	0	1	13	354	821	22	0	0	20	9	11	20	4	16	B
B	20	12	9	20	17	4	0	0	0	0	0	3	29	80	12	0	0	20	9	12	20	4	17	B
B	20	12	8	20	17	3	0	0	0	0	0	3	48	877	176	0	0	20	8	12	20	3	17	B
B	20	13	8	20	18	3	0	0	0	0	0	1	7	50	30	0	0	20	8	13	20	3	18	B
B	20	13	7	20	18	2	0	0	0	0	0	1	7	288	532	2	0	20	7	13	20	2	18	B
B	20	14	7	20	19	2	0	0	0	0	0	0	1	13	31	1	0	20	7	14	20	2	19	B
B	20	14	6	20	19	1	0	0	0	0	0	0	1	27	395	25	0	20	6	14	20	1	19	B
B	20	15	6	20	20	1	0	0	0	0	0	0	0	1	10	3	0	20	6	15	20	1	20	B
B	20	15	5	20	20	0	0	0	0	0	0	0	0	2	55	98	0	20	5	15	20	0	20	B
												$\Delta\tau$ = 11												
C	20	8	13	20	13	7	0	0	0	2	28	68	8	0	0	0	0	20	13	8	20	7	13	A
A	20	8	12	20	14	7	0	0	0	0	1	45	63	6	0	0	0	20	12	8	20	7	14	C
C	20	9	12	20	14	6	0	0	0	1	9	50	30	0	0	0	0	20	12	9	20	6	14	A
A	20	9	11	20	15	6	0	0	0	0	0	11	79	19	1	0	0	20	11	9	20	6	15	C
C	20	10	11	20	15	5	0	0	0	0	3	21	42	2	0	0	0	20	11	10	20	5	15	A
A	20	10	10	20	16	5	0	0	0	0	0	1	47	47	3	0	0	20	10	10	20	5	16	C
C	20	11	10	20	16	4	0	0	0	0	1	6	28	10	0	0	0	20	10	11	20	4	16	A
A	20	11	9	20	17	4	0	0	0	0	0	0	10	63	11	0	0	20	9	11	20	4	17	C
C	20	12	9	20	17	3	0	0	0	0	0	2	10	16	1	0	0	20	9	12	20	3	17	A
A	20	12	8	20	18	3	0	0	0	0	0	0	1	37	27	0	0	20	8	12	20	3	18	C
C	20	13	8	20	18	2	0	0	0	0	0	0	2	10	3	0	0	20	8	13	20	2	18	A
A	20	13	7	20	19	2	0	0	0	0	0	0	0	7	28	1	0	20	7	13	20	2	19	C
C	20	14	7	20	19	1	0	0	0	0	0	0	0	3	3	0	0	20	7	14	20	1	19	A
A	20	14	6	20	20	1	0	0	0	0	0	0	0	0	8	3	0	20	6	14	20	1	20	C
C	20	15	6	20	20	0	0	0	0	0	0	0	0	0	1	0	0	20	6	15	20	0	20	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
												Δτ = 13												
C	20	7	13	20	14	7	0	0	0	0	1	5	2	0	0	0	0	20	13	7	20	7	14	A
A	20	8	13	20	14	6	0	0	0	0	1	5	3	0	0	0	0	20	13	8	20	6	14	C
C	20	8	12	20	15	6	0	0	0	0	0	2	3	0	0	0	0	20	12	8	20	6	15	A
A	20	9	12	20	15	5	0	0	0	0	0	3	6	0	0	0	0	20	12	9	20	5	15	C
C	20	9	11	20	16	5	0	0	0	0	0	0	3	1	0	0	0	20	11	9	20	5	16	A
A	20	10	11	20	16	4	0	0	0	0	0	1	5	2	0	0	0	20	11	10	20	4	16	C
C	20	10	10	20	17	4	0	0	0	0	0	0	1	1	0	0	0	20	10	10	20	4	17	A
A	20	11	10	20	17	3	0	0	0	0	0	0	2	4	0	0	0	20	10	11	20	3	17	C
C	20	11	9	20	18	3	0	0	0	0	0	0	0	1	0	0	0	20	9	11	20	3	18	A
A	20	12	9	20	18	2	0	0	0	0	0	0	1	3	1	0	0	20	9	12	20	2	18	C
A	20	13	8	20	19	1	0	0	0	0	0	0	0	1	1	0	0	20	8	13	20	1	19	C
A	20	14	7	20	20	0	0	0	0	0	0	0	0	0	1	0	0	20	7	14	20	0	20	C
												Δτ = 14												
B	20	7	14	20	14	7	0	0	0	0	0	1	0	0	0	0	0	20	14	7	20	7	14	B
B	20	7	13	20	14	6	0	0	0	0	1	10	5	0	0	0	0	20	13	7	20	6	14	B
B	20	8	13	20	15	6	0	0	0	0	0	1	0	0	0	0	0	20	13	8	20	6	15	B
B	20	8	12	20	15	5	0	0	0	0	0	5	9	0	0	0	0	20	12	8	20	5	15	B
B	20	9	12	20	16	5	0	0	0	0	0	0	1	0	0	0	0	20	12	9	20	5	16	B
B	20	9	11	20	16	4	0	0	0	0	0	1	8	2	0	0	0	20	11	9	20	4	16	B
B	20	10	10	20	17	3	0	0	0	0	0	0	3	5	0	0	0	20	10	10	20	3	17	B
B	20	11	9	20	18	2	0	0	0	0	0	0	0	4	1	0	0	20	9	11	20	2	18	B
B	20	12	8	20	19	1	0	0	0	0	0	0	0	1	2	0	0	20	8	12	20	1	19	B
B	20	13	7	20	20	0	0	0	0	0	0	0	0	0	1	0	0	20	7	13	20	0	20	B
J=20			Δ J = 1																					
												Δτ = 0												
B	20	10	10	21	11	11	1180952	1162019	1099597	999072	782053	538484	782053	999072	1099597	1162019	1180952	20	10	10	21	11	11	B
B	20	11	9	21	12	10	1257143	1241090	1188387	1104602	932031	643615	615373	887819	1010303	1084716	1107143	20	9	11	21	10	12	B
B	20	12	8	21	13	9	1335714	1322110	1277576	1207355	1066496	839968	542642	765070	918972	1008894	1035714	20	8	12	21	9	13	B
B	20	13	7	21	14	8	1416667	1405198	1367734	1308986	1192975	1015486	685730	625235	822744	934067	966667	20	7	13	21	8	14	B
B	20	14	6	21	15	7	1500000	1490435	1459242	1410515	1315247	1173449	921444	548055	715899	859352	900000	20	6	14	21	7	15	B
B	20	15	5	21	16	6	1585714	1577880	1552361	1512610	1435409	1322353	1130992	697636	597199	782956	835714	20	5	15	21	6	16	B
B	20	16	4	21	17	5	1673810	1667574	1647279	1615732	1554751	1466360	1320582	998205	578927	700891	773810	20	4	16	21	5	17	B
B	20	17	3	21	18	4	1764286	1759546	1744133	1720212	1674127	1607782	1499989	1274188	839325	610432	714286	20	3	17	21	4	18	B
B	20	18	2	21	19	3	1857143	1853821	1843026	1826292	1794132	1748048	1673858	1522611	1243422	625986	657143	20	2	18	21	3	19	B
B	20	19	1	21	20	2	1952381	1950417	1944037	1934155	1915196	1888113	1844758	1757618	1604014	1039291	602381	20	1	19	21	2	20	B
B	20	20	0	21	21	1	2050000	2049347	2047226	2043941	2037642	2028650	2014279	1985519	1935505	1748998	1100000	20	0	20	21	1	21	B
												Δτ = 1												
C	20	0	20	21	1	20	1100000	416848	266952	228455	208954	201142	197505	195845	195373	195246	195238	20	20	0	21	20	1	A
C	20	1	20	21	2	20	602381	400507	266948	228455	208954	201142	197505	195845	195373	195246	195238	20	20	1	21	20	2	A
C	20	1	19	21	2	19	602381	901820	520804	445757	407705	392466	385373	382135	381216	380968	380952	20	19	1	21	19	2	A
C	20	2	19	21	3	19	657143	689678	520489	445757	407705	392466	385373	382135	381216	380968	380952	20	19	2	21	19	3	A
C	20	2	18	21	3	18	657143	967325	768057	652021	596269	573974	563603	558871	557528	557165	557143	20	18	2	21	18	3	A
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C	20	3	17	21	4	17	714286	824959	1075815	847506	774683	745670	732196	726053	724309	723838	723810	20	17	3	21	17	4	A
C	20	4	17	21	5	17	773810	840824	934001	846844	774683	745670	732196	726053	724309	723838	723810	20	17	4	21	17	5	A
C	20	4	16	21	5	16	773810	841823	1181051	1041983	943014	907562	891150	883679	881560	880987	880952	20	16	4	21	16	5	A
C	20	5	16	21	6	16	835714	885929	1019192	1023704	943004	907562	891150	883679	881560	880987	880952	20	16	5	21	16	6	A
C	20	5	15	21	6	15	835714	885956	1058425	1287189	1101370	1059670	1040467	1031749	1029279	1028612	1028571	20	15	5	21	15	6	A
C	20	6	15	21	7	15	900000	939237	1056219	1153722	1101090	1059670	1040467	1031749	1029279	1028612	1028571	20	15	6	21	15	7	A
C	20	6	14	21	7	14	900000	939238	1058719	1334040	1252959	1202025	1180149	1170263	1167467	1166713	1166667	20	14	6	21	14	7	A
C	20	7	14	21	8	14	966667	998367	1094240	1217090	1245867	1202017	1180149	1170263	1167467	1166713	1166667	20	14	7	21	14	8	A
C	20	7	13	21	8	13	966667	998367	1094372	1243832	1438310	1334659	1310198	1299218	1296123	1295289	1295238	20	13	7	21	13	8	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	20	8	13	21	9	13	1035714	1061911	1141414	1251165	1360854	1334454	1310197	1299218	1296123	1295289	1295238	20	13	8	21	13	9	A
C	20	8	12	21	9	12	1035714	1061911	1141419	1253089	1540232	1459664	1430617	1418612	1415247	1414341	1414286	20	12	8	21	12	9	A
C	20	9	12	21	10	12	1107143	1129111	1195957	1288686	1426336	1454673	1430612	1418612	1415247	1414341	1414286	20	12	9	21	12	10	A
C	20	9	11	21	10	11	1107143	1129111	1195957	1288808	1467364	1607272	1541380	1528441	1524836	1523869	1523810	20	11	9	21	11	10	A
C	20	10	11	21	11	11	1180952	1199536	1256211	1334788	1461592	1550693	1541259	1528441	1524836	1523869	1523810	20	11	10	21	11	11	A
C	20	10	10	21	11	10	1180952	1199536	1256211	1334794	1464982	1694788	1643603	1628693	1624888	1623872	1623810	20	10	10	21	10	11	A
C	20	11	10	21	12	10	1257143	1272922	1321136	1388010	1496453	1608173	1640529	1628692	1624888	1623872	1623810	20	10	11	21	10	12	A
C	20	11	9	21	12	9	1257143	1272922	1321136	1388010	1496701	1643179	1758109	1719327	1715398	1714350	1714286	20	9	11	21	9	12	A
C	20	12	9	21	13	9	1335714	1349101	1390069	1446954	1538939	1641985	1720037	1719304	1715398	1714350	1714286	20	9	12	21	9	13	A
C	20	12	8	21	13	8	1335714	1349101	1390069	1446954	1538954	1644960	1830340	1800367	1796351	1795302	1795238	20	8	12	21	8	13	A
C	20	13	8	21	14	8	1416667	1427961	1462571	1510689	1588398	1675833	1769659	1799698	1796351	1795302	1795238	20	8	13	21	8	14	A
C	20	13	7	21	14	7	1416667	1427961	1462571	1510689	1588399	1676055	1797491	1879630	1867702	1866727	1866667	20	7	13	21	7	14	A
C	20	14	7	21	15	7	1500000	1509425	1538337	1578586	1643587	1716459	1801132	1866023	1867691	1866727	1866667	20	7	14	21	7	15	A
C	20	14	6	21	15	6	1500000	1509425	1538337	1578586	1643587	1716472	1803474	1948844	1929400	1928621	1928571	20	6	14	21	6	15	A
C	20	15	6	21	16	6	1585714	1593438	1617152	1650204	1703619	1763389	1833157	1910948	1929008	1928621	1928571	20	6	15	21	6	16	A
C	20	15	5	21	16	5	1585714	1593438	1617152	1650204	1703619	1763389	1833323	1940895	1986367	1980968	1980952	20	5	15	21	5	16	A
C	20	16	5	21	17	5	1673810	1679960	1698858	1725227	1767881	1815591	1871108	1939739	1977722	1980968	1980952	20	5	16	21	5	17	A
C	20	16	4	21	17	4	1673810	1679960	1698858	1725227	1767881	1815591	1871117	1942468	2027981	2023709	2023810	20	4	16	21	4	17	A
C	20	17	4	21	18	4	1764286	1768962	1783338	1803417	1835931	1872315	1914585	1967409	2010187	2023686	2023810	20	4	17	21	4	18	A
C	20	17	3	21	18	3	1764286	1768962	1783338	1803417	1835931	1872315	1914585	1967582	2024451	2057460	2057143	20	3	17	21	3	18	A
C	20	18	3	21	19	3	1857143	1860421	1870503	1884597	1907441	1933026	1962745	1999823	2032984	2056134	2057143	20	3	18	21	3	19	A
C	20	18	2	21	19	2	1857143	1860421	1870503	1884597	1907441	1933026	1962745	1999831	2033998	2081064	2080952	20	2	18	21	2	19	A
C	20	19	2	21	20	2	1952381	1954319	1960285	1968628	1982164	1997337	2014970	2036953	2056828	2077450	2080952	20	2	19	21	2	20	A
C	20	19	1	21	20	1	1952381	1954319	1960285	1968628	1982164	1997337	2014970	2036953	2056872	2084901	2095238	20	1	19	21	1	20	A
C	20	20	1	21	21	1	2050000	2050645	2052628	2055403	2059905	2064952	2070817	2078123	2084725	2092452	2095238	20	1	20	21	1	21	A
C	20	20	0	21	21	0	2050000	2050645	2052628	2055403	2059905	2064952	2070817	2078123	2084726	2092799	2100000	20	0	20	21	0	21	A
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B	20	2	19	21	3	18	657143	314911	34843	19581	13158	10483	8984	8014	7534	7234	7143	20	19	2	21	18	3	B
B	20	3	18	21	4	17	714286	583513	92896	40085	26534	21025	17980	16026	15066	14467	14286	20	18	3	21	17	4	B
B	20	4	17	21	5	16	773810	699851	285651	69746	44596	35133	29976	26700	25102	24109	23810	20	17	4	21	16	5	B
B	20	5	16	21	6	15	835714	782929	555767	136210	67404	52805	44953	40021	37633	36158	35714	20	16	5	21	15	6	B
B	20	6	15	21	7	14	900000	859351	713177	335781	95288	73975	62867	55959	52644	50609	50000	20	15	6	21	14	7	B
B	20	7	14	21	8	13	966667	934067	822601	595934	143614	98393	83613	74461	70108	67457	66667	20	14	7	21	13	8	B
B	20	8	13	21	9	12	1035714	1008894	918966	762865	295420	125788	106962	95431	89981	86690	85714	20	13	8	21	12	9	B
B	20	9	12	21	10	11	1107143	1084716	1010303	887679	567385	170165	132379	118695	112186	108289	107143	20	12	9	21	11	10	B
B	20	10	11	21	11	10	1180952	1162019	1099597	999065	777833	315466	158992	143913	136588	132223	130952	20	11	10	21	10	11	B
B	20	11	10	21	12	9	1257143	1241090	1188387	1104601	931717	597739	199260	170380	162942	158437	157143	20	10	11	21	9	12	B
B	20	12	9	21	13	8	1335714	1322110	1277576	1207355	1066477	835796	340968	196626	190776	186833	185714	20	9	12	21	8	13	B
B	20	13	8	21	14	7	1416667	1405198	1367734	1308986	1192974	1015169	642483	226442	219091	217223	216667	20	8	13	21	7	14	B
B	20	14	7	21	15	6	1500000	1490435	1459242	1410515	1315247	1173430	917550	331246	245793	249226	250000	20	7	14	21	6	15	B
B	20	15	6	21	16	5	1585714	1577880	1552361	1512610	1435409	1322352	1130710	635841	276490	281978	285714	20	6	15	21	5	16	B
B	20	16	5	21	17	4	1673810	1667574	1647279	1615732	1554751	1466360	1320567	992284	409271	313369	323810	20	5	16	21	4	17	B
B	20	17	4	21	18	3	1764286	1759546	1744133	1720212	1674127	1607782	1499988	1273802	797250	343795	364286	20	4	17	21	3	18	B
B	20	18	3	21	19	2	1857143	1853821	1843026	1826292	1794132	1748048	1673858	1522593	1240270	474880	407143	20	3	18	21	2	19	B
B	20	19	2	21	20	1	1952381	1950417	1944037	1934155	1915196	1888113	1844758	1757617	1603875	994335	452381	20	2	19	21	1	20	B
B	20	20	1	21	21	0	2050000	2049347	2047226	2043941	2037642	2028650	2014279	1985519	1935502	1746812	1000000	20	1	20	21	0	21	B
												$\Delta\tau$ =	3											
A	20	0	20	21	2	19	0	1372	1098	1283	1526	1744	1946	2138	2261	2351	2381	20	20	0	21	19	2	C
A	20	1	20	21	3	19	0	682	1096	1283	1526	1744	1946	2138	2261	2351	2381	20	20	1	21	19	3	C
A	20	1	19	21	3	18	0	4233	3575	3960	4631	5259	5851	6418	6784	7054	7143	20	19	1	21	18	3	C
A	20	2	19	21	4	18	0	1038	3447	3959	4631	5259	5851	6418	6784	7054	7143	20	19	2	21	18	4	C
A	20	2	18	21	4	17	0	1756	9709	8246	9408	10592	11738	12849	13573	14109	14286	20	18	2	21	17	4	C
A	20	3	18	21	5	17	0	780	6602	8226	9408	10592	11738	12849	13573	14109	14286	20	18	3	21	17	5	C
A	20	3	17	21	5	16	0	811	20967	14851	16019	17822	19647	21449	22635	23517	23810	20	17	3	21	16	5	C

$J\ K_{-1}\ K_{+1} - J\ K_{-1}\ K_{+1}$	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	$J\ K_{-1}\ K_{+1} - J\ K_{-1}\ K_{+1}$
A 20 4 17 21 6 16	0	537	8002	14215	16018	17822	19647	21449	22635	23517	23810	20 17 4 21 16 6 C
A 20 4 16 21 6 15	0	538	13116	29712	24762	27081	29640	32244	33982	35282	35714	20 16 4 21 15 6 C
A 20 5 16 21 7 15	0	391	6813	20379	24733	27081	29640	32244	33982	35282	35714	20 16 5 21 15 7 C
A 20 5 15 21 7 14	0	391	7205	49091	36451	38598	41824	45280	47631	49407	50000	20 15 5 21 14 7 C
A 20 6 15 21 8 14	0	299	5261	22003	35785	38596	41824	45280	47631	49407	50000	20 15 6 21 14 8 C
A 20 6 14 21 8 13	0	299	5278	30961	58112	52796	56376	60627	63614	65899	66667	20 14 6 21 13 8 C
A 20 7 14 21 9 13	0	236	4129	18876	47374	52744	56376	60627	63614	65899	66667	20 14 7 21 13 9 C
A 20 7 13 21 9 12	0	236	4130	19572	98655	70819	73599	78407	81981	84770	85714	20 13 7 21 12 9 C
A 20 8 13 21 10 12	0	191	3320	15193	52181	69788	73595	78407	81981	84770	85714	20 13 8 21 12 10 C
A 20 8 12 21 10 11	0	191	3320	15228	78809	102763	94055	98819	102816	106038	107143	20 12 8 21 11 10 C
A 20 9 12 21 11 11	0	156	2713	12326	46948	86951	93981	98819	102816	106038	107143	20 12 9 21 11 11 C
A 20 9 11 21 11 10	0	156	2713	12328	49832	163370	119237	122210	126259	129736	130952	20 11 9 21 10 11 C
A 20 10 11 21 12 10	0	129	2239	10124	38769	93357	117865	122208	126259	129736	130952	20 11 10 21 10 12 C
A 20 10 10 21 12 9	0	129	2239	10124	38927	135749	162367	149213	152550	155919	157143	20 10 10 21 9 12 C
A 20 11 10 21 13 9	0	107	1856	8367	31758	83902	141352	149169	152550	155919	157143	20 10 11 21 9 13 C
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A 20 12 9 21 14 8	0	89	1537	6916	26085	69332	148742	180404	182123	184682	185714	20 9 12 21 8 14 C
A 20 12 8 21 14 7	0	89	1537	6916	26086	69591	210628	228103	215817	216208	216667	20 8 12 21 7 14 C
A 20 13 8 21 15 7	0	73	1265	5685	21360	56346	132039	213022	215758	216208	216667	20 8 13 21 7 15 C
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A 20 14 7 21 16 6	0	59	1027	4616	17302	45392	107086	227353	254358	250849	250000	20 7 14 21 6 16 C
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A 20 15 6 21 17 5	0	47	817	3669	13733	35910	84187	202175	292594	289342	285714	20 6 15 21 5 17 C
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A 20 16 5 21 18 4	0	36	627	2816	10532	27486	64146	156840	297117	333028	323810	20 5 16 21 4 18 C
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A 20 17 4 21 19 3	0	26	453	2036	7612	19844	46196	112483	239422	378036	364286	20 4 17 21 3 19 C
A 20 17 3 21 19 2	0	26	453	2036	7612	19844	46196	112512	252451	580549	407143	20 3 17 21 2 19 C
A 20 18 3 21 20 2	0	17	293	1314	4912	12799	29757	72213	156257	368959	407143	20 3 18 21 2 20 C
A 20 18 2 21 20 1	0	17	293	1314	4912	12799	29757	72213	156638	579540	452381	20 2 18 21 1 20 C
A 20 19 2 21 21 1	0	8	142	639	2387	6218	14447	35009	75686	218995	452381	20 2 19 21 1 21 C
A 20 19 1 21 21 0	0	8	142	639	2387	6218	14447	35009	75692	235282	1000000	20 1 19 21 0 21 C
						Δτ = 4						
B 20 0 20 21 3 19	0	24824	10886	6394	4352	3484	2992	2671	2512	2411	2381	20 20 0 21 19 3 B
B 20 1 19 21 4 18	0	17687	33446	19579	13158	10483	8984	8014	7534	7234	7143	20 19 1 21 18 4 B
B 20 2 18 21 5 17	0	3146	57246	39969	26534	21025	17980	16026	15066	14467	14286	20 18 2 21 17 5 B
B 20 3 17 21 6 16	0	893	39260	66185	44592	35133	29976	26700	25102	24109	23810	20 17 3 21 16 6 B
B 20 4 16 21 7 15	0	399	11009	80565	67308	52805	44953	40021	37633	36158	35714	20 16 4 21 15 7 B
B 20 5 15 21 8 14	0	206	4056	46026	93094	73970	62867	55959	52644	50609	50000	20 15 5 21 14 8 B
B 20 6 14 21 9 13	0	115	2157	14712	108017	98270	83613	74461	70108	67457	66667	20 14 6 21 13 9 B
B 20 7 13 21 10 12	0	69	1263	6605	72815	123371	106956	95431	89981	86690	85714	20 13 7 21 12 10 B
B 20 8 12 21 11 11	0	42	775	3867	26130	133458	132244	118695	112186	108289	107143	20 12 8 21 11 11 B
B 20 9 11 21 12 10	0	27	490	2399	11459	87623	156505	143911	136588	132223	130952	20 11 9 21 10 12 B
B 20 10 10 21 13 9	0	17	315	1525	6775	32181	161880	170316	162942	158437	157143	20 10 10 21 9 13 B
B 20 11 9 21 14 8	0	11	203	978	4237	14424	103482	195375	190773	186833	185714	20 9 11 21 8 14 B
B 20 12 8 21 15 7	0	7	130	626	2669	8487	37386	204924	219018	217223	216667	20 8 12 21 7 15 B
B 20 13 7 21 16 6	0	5	82	394	1664	5162	16365	147029	244127	249226	250000	20 7 13 21 6 16 B
B 20 14 6 21 17 5	0	3	50	240	1008	3081	9139	53076	245491	281962	285714	20 6 14 21 5 17 B
B 20 15 5 21 18 4	0	2	29	139	580	1754	5074	19207	153926	312695	323810	20 5 15 21 4 18 B
B 20 16 4 21 19 3	0	1	15	73	304	914	2602	8932	44634	323592	364286	20 4 16 21 3 19 B
B 20 17 3 21 20 2	0	0	7	32	135	402	1133	3771	12873	211474	407143	20 3 17 21 2 20 B
B 20 18 2 21 21 1	0	0	2	10	40	119	334	1090	3455	37198	452381	20 2 18 21 1 21 B
						Δτ = 5						
C 20 0 20 21 3 18	0	14965	710	206	67	26	9	2	1	0	0	20 20 0 21 18 3 A
C 20 1 20 21 4 18	0	1848	683	206	67	26	9	2	1	0	0	20 20 1 21 18 4 A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	20	1	19	21	4	17	0	16723	4775	973	299	114	41	11	2	0	0	20	19	1	21	17	4	A
C	20	2	19	21	5	17	0	1775	3099	970	299	114	41	11	2	0	0	20	19	2	21	17	5	A
C	20	2	18	21	5	16	0	3068	25608	3052	851	317	114	30	7	0	0	20	18	2	21	16	5	A
C	20	3	18	21	6	16	0	837	6161	2910	851	317	114	30	7	0	0	20	18	3	21	16	6	A
C	20	3	17	21	6	15	0	871	32632	10144	1983	713	253	65	14	1	0	20	17	3	21	15	6	A
C	20	4	17	21	7	15	0	388	5722	6494	1980	713	253	65	14	1	0	20	17	4	21	15	7	A
C	20	4	16	21	7	14	0	389	9931	34993	4207	1425	495	127	28	2	0	20	16	4	21	14	7	A
C	20	5	16	21	8	14	0	200	3451	9353	4121	1425	495	127	28	2	0	20	16	5	21	14	8	A
C	20	5	15	21	8	13	0	201	3659	34593	9722	2661	897	227	50	3	0	20	15	5	21	13	8	A
C	20	6	15	21	9	13	0	113	1936	8017	7636	2658	897	227	50	3	0	20	15	6	21	13	9	A
C	20	6	14	21	9	12	0	113	1943	11853	28960	4829	1550	386	84	5	0	20	14	6	21	12	9	A
C	20	7	14	21	10	12	0	67	1137	5106	10878	4748	1550	386	84	5	0	20	14	7	21	12	10	A
C	20	7	13	21	10	11	0	67	1137	5308	41075	9708	2605	633	137	8	0	20	13	7	21	11	10	A
C	20	8	13	21	11	11	0	41	698	3092	10227	7930	2603	633	137	8	0	20	13	8	21	11	11	A
C	20	8	12	21	11	10	0	41	698	3100	17150	25969	4364	1016	218	12	0	20	12	8	21	10	11	A
C	20	9	12	21	12	10	0	26	441	1921	7033	10711	4305	1016	218	12	0	20	12	9	21	10	12	A
C	20	9	11	21	12	9	0	26	441	1921	7519	37345	8099	1617	343	20	0	20	11	9	21	9	12	A
C	20	10	11	21	13	9	0	17	283	1221	4404	9956	6826	1616	343	20	0	20	11	10	21	9	13	A
C	20	10	10	21	13	8	0	17	283	1221	4423	16312	20428	2590	536	30	0	20	10	10	21	8	13	A
C	20	11	10	21	14	8	0	11	183	783	2759	6854	8980	2576	536	30	0	20	10	11	21	8	14	A
C	20	11	9	21	14	7	0	11	183	783	2760	7304	30212	4418	843	47	0	20	9	11	21	7	14	A
C	20	12	9	21	15	7	0	7	117	501	1737	4251	8200	4065	842	47	0	20	9	12	21	7	15	A
C	20	12	8	21	15	6	0	7	117	501	1737	4269	13298	10224	1355	75	0	20	8	12	21	6	15	A
C	20	13	8	21	16	6	0	4	74	315	1082	2588	5469	5643	1347	75	0	20	8	13	21	6	16	A
C	20	13	7	21	16	5	0	4	74	315	1082	2589	5811	20457	2379	121	0	20	7	13	21	5	16	A
C	20	14	7	21	17	5	0	3	45	192	656	1543	3208	5471	2153	121	0	20	7	14	21	5	17	A
C	20	14	6	21	17	4	0	3	45	192	656	1543	3220	10642	5955	204	0	20	6	14	21	4	17	A
C	20	15	6	21	18	4	0	2	26	111	377	877	1781	3524	2936	204	0	20	6	15	21	4	18	A
C	20	15	5	21	18	3	0	2	26	111	377	877	1781	3902	11202	380	0	20	5	15	21	3	18	A
C	20	16	5	21	19	3	0	1	14	58	198	457	912	1787	2501	360	0	20	5	16	21	3	19	A
C	20	16	4	21	19	2	0	1	14	58	198	457	912	1798	4486	1055	0	20	4	16	21	2	19	A
C	20	17	4	21	20	2	0	0	6	26	87	201	397	756	1213	559	0	20	4	17	21	2	20	A
C	20	17	3	21	20	1	0	0	6	26	87	201	397	756	1299	2984	0	20	3	17	21	1	20	A
C	20	18	3	21	21	1	0	0	2	8	26	60	117	218	345	389	0	20	3	18	21	1	21	A
C	20	18	2	21	21	0	0	0	2	8	26	60	117	218	346	911	0	20	2	18	21	0	21	A
												$\Delta\tau$ = 6												
B	20	1	20	21	4	17	0	1814	118	16	4	1	0	0	0	0	0	20	20	1	21	17	4	B
B	20	2	19	21	5	16	0	1816	1640	114	23	7	2	0	0	0	0	20	19	2	21	16	5	B
B	20	3	18	21	6	15	0	859	6046	670	88	26	8	2	0	0	0	20	18	3	21	15	6	B
B	20	4	17	21	7	14	0	398	6268	4084	285	76	23	5	1	0	0	20	17	4	21	14	7	B
B	20	5	16	21	8	13	0	206	3824	10265	964	200	57	13	3	0	0	20	16	5	21	13	8	B
B	20	6	15	21	9	12	0	115	2150	9824	4380	501	133	29	6	0	0	20	15	6	21	12	9	B
B	20	7	14	21	10	11	0	69	1263	6350	13011	1389	299	63	13	1	0	20	14	7	21	11	10	B
B	20	8	13	21	11	10	0	42	775	3857	15051	5437	666	133	26	1	0	20	13	8	21	10	11	B
B	20	9	12	21	12	9	0	27	490	2399	10700	15904	1667	276	54	3	0	20	12	9	21	9	12	B
B	20	10	11	21	13	8	0	17	315	1525	6744	18820	6069	584	110	6	0	20	11	10	21	8	13	B
B	20	11	10	21	14	7	0	11	203	978	4236	13505	18207	1340	229	12	0	20	10	11	21	7	14	B
B	20	12	9	21	15	6	0	7	130	626	2669	8450	21939	4395	496	26	0	20	9	12	21	6	15	B
B	20	13	8	21	16	5	0	5	82	394	1664	5161	15364	16289	1208	57	0	20	8	13	21	5	16	B
B	20	14	7	21	17	4	0	3	50	240	1008	3081	9103	24669	4513	136	0	20	7	14	21	4	17	B
B	20	15	6	21	18	3	0	2	29	139	580	1754	5073	17250	17851	378	0	20	6	15	21	3	18	B
B	20	16	5	21	19	2	0	1	15	73	304	914	2602	8876	23171	1711	0	20	5	16	21	2	19	B
B	20	17	4	21	20	1	0	0	7	32	135	402	1133	3770	11989	10940	0	20	4	17	21	1	20	B
B	20	18	3	21	21	0	0	0	2	10	40	119	334	1090	3444	14533	0	20	3	18	21	0	21	B
												$\Delta\tau$ = 7												

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	20	0	20	21	4	17	0	42	12	3	1	1	0	0	0	0	0	20	20	0	21	17	4	C
A	20	1	20	21	5	17	0	2	8	3	1	1	0	0	0	0	0	20	20	1	21	17	5	C
A	20	1	19	21	5	16	0	20	163	23	8	3	1	0	0	0	0	20	19	1	21	16	5	C
A	20	2	19	21	6	16	0	1	37	22	8	3	1	0	0	0	0	20	19	2	21	16	6	C
A	20	2	18	21	6	15	0	2	554	134	31	13	5	1	0	0	0	20	18	2	21	15	6	C
A	20	3	18	21	7	15	0	0	56	85	31	13	5	1	0	0	0	20	18	3	21	15	7	C
A	20	3	17	21	7	14	0	0	325	809	100	38	15	4	1	0	0	20	17	3	21	14	7	C
A	20	4	17	21	8	14	0	0	36	193	98	38	15	4	1	0	0	20	17	4	21	14	8	C
A	20	4	16	21	8	13	0	0	64	1787	338	100	37	10	2	0	0	20	16	4	21	13	8	C
A	20	5	16	21	9	13	0	0	16	222	264	100	37	10	2	0	0	20	16	5	21	13	9	C
A	20	5	15	21	9	12	0	0	17	894	1526	251	87	23	5	0	0	20	15	5	21	12	9	C
A	20	6	15	21	10	12	0	0	7	139	535	247	87	23	5	0	0	20	15	6	21	12	10	C
A	20	6	14	21	10	11	0	0	7	207	4165	695	194	50	11	1	0	20	14	6	21	11	10	C
A	20	7	14	21	11	11	0	0	3	66	655	565	194	50	11	1	0	20	14	7	21	11	11	C
A	20	7	13	21	11	10	0	0	3	69	2941	2708	433	106	24	1	0	20	13	7	21	10	11	C
A	20	8	13	21	12	10	0	0	1	30	465	1044	427	106	24	1	0	20	13	8	21	10	12	C
A	20	8	12	21	12	9	0	0	1	31	793	7266	1085	221	49	3	0	20	12	8	21	9	12	C
A	20	9	12	21	13	9	0	0	1	15	239	1229	911	221	49	3	0	20	12	9	21	9	13	C
A	20	9	11	21	13	8	0	0	1	15	256	5236	3934	467	99	6	0	20	11	9	21	8	13	C
A	20	10	11	21	14	8	0	0	0	7	113	864	1619	465	99	6	0	20	11	10	21	8	14	C
A	20	10	10	21	14	7	0	0	0	7	114	1443	10838	1073	206	12	0	20	10	10	21	7	14	C
A	20	11	10	21	15	7	0	0	0	4	54	439	1865	986	206	12	0	20	10	11	21	7	15	C
A	20	11	9	21	15	6	0	0	0	4	54	468	7895	3517	446	25	0	20	9	11	21	6	15	C
A	20	12	9	21	16	6	0	0	0	2	26	201	1260	1877	444	25	0	20	9	12	21	6	16	C
A	20	12	8	21	16	5	0	0	0	2	26	202	2090	12461	1088	55	0	20	8	12	21	5	16	C
A	20	13	8	21	17	5	0	0	0	1	12	90	595	2407	983	55	0	20	8	13	21	5	17	C
A	20	13	7	21	17	4	0	0	0	1	12	90	633	12958	4059	133	0	20	7	13	21	4	17	C
A	20	14	7	21	18	4	0	0	0	0	5	38	242	1667	1919	133	0	20	7	14	21	4	18	C
A	20	14	6	21	18	3	0	0	0	0	5	38	243	3397	15177	369	0	20	6	14	21	3	18	C
A	20	15	6	21	19	3	0	0	0	0	2	15	89	683	2230	349	0	20	6	15	21	3	19	C
A	20	15	5	21	19	2	0	0	0	0	2	15	89	758	12273	1668	0	20	5	15	21	2	19	C
A	20	16	5	21	20	2	0	0	0	0	1	5	27	199	1118	869	0	20	5	16	21	2	20	C
A	20	16	4	21	20	1	0	0	0	0	1	5	27	201	2074	10418	0	20	4	16	21	1	20	C
A	20	17	4	21	21	1	0	0	0	0	0	1	5	37	228	985	0	20	4	17	21	1	21	C
A	20	17	3	21	21	0	0	0	0	0	0	1	5	37	244	9566	0	20	3	17	21	0	21	C
												$\Delta\tau$ = 8												
B	20	0	20	21	5	17	0	77	77	16	4	1	0	0	0	0	0	20	20	0	21	17	5	B
B	20	1	19	21	6	16	0	22	363	109	23	7	2	0	0	0	0	20	19	1	21	16	6	B
B	20	2	18	21	7	15	0	2	509	425	88	26	8	2	0	0	0	20	18	2	21	15	7	B
B	20	3	17	21	8	14	0	0	188	953	279	76	23	5	1	0	0	20	17	3	21	14	8	B
B	20	4	16	21	9	13	0	0	26	955	753	200	57	13	3	0	0	20	16	4	21	13	9	B
B	20	5	15	21	10	12	0	0	5	315	1512	493	133	29	6	0	0	20	15	5	21	12	10	B
B	20	6	14	21	11	11	0	0	2	54	1686	1129	298	63	13	1	0	20	14	6	21	11	11	B
B	20	7	13	21	12	10	0	0	1	14	733	2060	657	133	26	1	0	20	13	7	21	10	12	B
B	20	8	12	21	13	9	0	0	0	5	144	2203	1398	276	54	3	0	20	12	8	21	9	13	B
B	20	9	11	21	14	8	0	0	0	2	35	945	2458	581	110	6	0	20	11	9	21	8	14	B
B	20	10	10	21	15	7	0	0	0	1	12	186	2570	1231	229	12	0	20	10	10	21	7	15	B
B	20	11	9	21	16	6	0	0	0	0	4	44	1052	2329	493	26	0	20	9	11	21	6	16	B
B	20	12	8	21	17	5	0	0	0	0	2	14	190	2821	1092	57	0	20	8	12	21	5	17	B
B	20	13	7	21	18	4	0	0	0	0	1	4	40	1339	2118	136	0	20	7	13	21	4	18	B
B	20	14	6	21	19	3	0	0	0	0	0	1	10	208	2300	358	0	20	6	14	21	3	19	B
B	20	15	5	21	20	2	0	0	0	0	0	0	2	27	719	890	0	20	5	15	21	2	20	B
B	20	16	4	21	21	1	0	0	0	0	0	0	0	3	48	980	0	20	4	16	21	1	21	B
												$\Delta\tau$ = 9												
C	20	0	20	21	5	16	0	75	33	1	0	0	0	0	0	0	0	20	20	0	21	16	5	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	20	1	20	21	6	16	0	2	7	1	0	0	0	0	0	0	0	20	20	1	21	16	6	A
C	20	1	19	21	6	15	0	21	290	16	1	0	0	0	0	0	0	20	19	1	21	15	6	A
C	20	2	19	21	7	15	0	1	27	10	1	0	0	0	0	0	0	20	19	2	21	15	7	A
C	20	2	18	21	7	14	0	2	453	172	5	1	0	0	0	0	0	20	18	2	21	14	7	A
C	20	3	18	21	8	14	0	0	29	41	5	1	0	0	0	0	0	20	18	3	21	14	8	A
C	20	3	17	21	8	13	0	0	169	676	28	3	0	0	0	0	0	20	17	3	21	13	8	A
C	20	4	17	21	9	13	0	0	14	74	22	3	0	0	0	0	0	20	17	4	21	13	9	A
C	20	4	16	21	9	12	0	0	24	755	184	9	1	0	0	0	0	20	16	4	21	12	9	A
C	20	5	16	21	10	12	0	0	4	62	64	9	1	0	0	0	0	20	16	5	21	12	10	A
C	20	5	15	21	10	11	0	0	5	252	776	36	3	0	0	0	0	20	15	5	21	11	10	A
C	20	6	15	21	11	11	0	0	1	29	112	29	3	0	0	0	0	20	15	6	21	11	11	A
C	20	6	14	21	11	10	0	0	1	43	1065	196	9	1	0	0	0	20	14	6	21	10	11	A
C	20	7	14	21	12	10	0	0	0	10	103	75	9	1	0	0	0	20	14	7	21	10	12	A
C	20	7	13	21	12	9	0	0	0	11	476	781	31	1	0	0	0	20	13	7	21	9	12	A
C	20	8	13	21	13	9	0	0	0	4	55	121	26	1	0	0	0	20	13	8	21	9	13	A
C	20	8	12	21	13	8	0	0	0	4	94	1063	154	4	0	0	0	20	12	8	21	8	13	A
C	20	9	12	21	14	8	0	0	0	1	21	107	63	4	0	0	0	20	12	9	21	8	14	A
C	20	9	11	21	14	7	0	0	0	1	23	472	625	12	0	0	0	20	11	9	21	7	14	A
C	20	10	11	21	15	7	0	0	0	1	8	56	98	11	0	0	0	20	11	10	21	7	15	A
C	20	10	10	21	15	6	0	0	0	1	8	93	863	54	1	0	0	20	10	10	21	6	15	A
C	20	11	10	21	16	6	0	0	0	0	3	21	84	29	1	0	0	20	10	11	21	6	16	A
C	20	11	9	21	16	5	0	0	0	0	3	22	367	275	4	0	0	20	9	11	21	5	16	A
C	20	12	9	21	17	5	0	0	0	0	1	7	40	51	4	0	0	20	9	12	21	5	17	A
C	20	12	8	21	17	4	0	0	0	0	1	7	66	522	23	0	0	20	8	12	21	4	17	A
C	20	13	8	21	18	4	0	0	0	0	0	2	13	46	11	0	0	20	8	13	21	4	18	A
C	20	13	7	21	18	3	0	0	0	0	0	2	14	266	131	0	0	20	7	13	21	3	18	A
C	20	14	7	21	19	3	0	0	0	0	0	1	4	20	18	0	0	20	7	14	21	3	19	A
C	20	14	6	21	19	2	0	0	0	0	0	1	4	42	217	1	0	20	6	14	21	2	19	A
C	20	15	6	21	20	2	0	0	0	0	0	0	1	5	12	1	0	20	6	15	21	2	20	A
C	20	15	5	21	20	1	0	0	0	0	0	0	1	5	72	11	0	20	5	15	21	1	20	A
C	20	16	5	21	21	1	0	0	0	0	0	0	0	1	3	1	0	20	5	16	21	1	21	A
C	20	16	4	21	21	0	0	0	0	0	0	0	0	1	5	23	0	20	4	16	21	0	21	A
												$\Delta\tau$ = 10												
B	20	1	20	21	6	15	0	2	7	0	0	0	0	0	0	0	0	20	20	1	21	15	6	B
B	20	2	19	21	7	14	0	1	30	6	0	0	0	0	0	0	0	20	19	2	21	14	7	B
B	20	3	18	21	8	13	0	0	32	45	1	0	0	0	0	0	0	20	18	3	21	13	8	B
B	20	4	17	21	9	12	0	0	15	91	13	1	0	0	0	0	0	20	17	4	21	12	9	B
B	20	5	16	21	10	11	0	0	5	77	78	3	0	0	0	0	0	20	16	5	21	11	10	B
B	20	6	15	21	11	10	0	0	2	36	167	20	1	0	0	0	0	20	15	6	21	10	11	B
B	20	7	14	21	12	9	0	0	1	13	159	113	4	0	0	0	0	20	14	7	21	9	12	B
B	20	8	13	21	13	8	0	0	0	5	84	232	24	1	0	0	0	20	13	8	21	8	13	B
B	20	9	12	21	14	7	C	0	0	2	33	214	131	2	0	0	0	20	12	9	21	7	14	B
B	20	10	11	21	15	6	0	0	0	1	12	111	269	12	0	0	0	20	11	10	21	6	15	B
B	20	11	10	21	16	5	0	0	0	0	4	42	239	84	1	0	0	20	10	11	21	5	16	B
B	20	12	9	21	17	4	0	0	0	0	2	14	114	233	8	0	0	20	9	12	21	4	17	B
B	20	13	8	21	18	3	0	0	0	0	1	4	37	230	67	0	0	20	8	13	21	3	18	B
B	20	14	7	21	19	2	0	0	0	0	0	1	10	102	171	1	0	20	7	14	21	2	19	B
B	20	15	6	21	20	1	0	0	0	0	0	0	2	24	124	11	0	20	6	15	21	1	20	B
B	20	16	5	21	21	0	0	0	0	0	0	0	0	3	26	38	0	20	5	16	21	0	21	B
												$\Delta\tau$ = 11												
A	20	0	20	21	6	15	0	0	1	0	0	0	0	0	0	0	0	20	20	0	21	15	6	C
A	20	1	19	21	7	14	0	0	3	1	0	0	0	0	0	0	0	20	19	1	21	14	7	C
A	20	2	18	21	8	13	0	0	3	9	0	0	0	0	0	0	0	20	18	2	21	13	8	C
A	20	3	18	21	9	13	0	0	0	1	0	0	0	0	0	0	0	20	18	3	21	13	9	C
A	20	3	17	21	9	12	0	0	1	18	4	0	0	0	0	0	0	20	17	3	21	12	9	C

							κ																	
	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	20	4	17	21	10	12	0	0	0	1	2	0	0	0	0	0	0	20	17	4	21	12	10	C
A	20	4	16	21	10	11	0	0	0	13	27	1	0	0	0	0	0	20	16	4	21	11	10	C
A	20	5	16	21	11	11	0	0	0	1	4	1	0	0	0	0	0	20	16	5	21	11	11	C
A	20	5	15	21	11	10	0	0	0	3	58	10	1	0	0	0	0	20	15	5	21	10	11	C
A	20	6	15	21	12	10	0	0	0	0	5	4	1	0	0	0	0	20	15	6	21	10	12	C
A	20	6	14	21	12	9	0	0	0	0	50	57	2	0	0	0	0	20	14	6	21	9	12	C
A	20	7	14	21	13	9	0	0	0	0	4	9	2	0	0	0	0	20	14	7	21	9	13	C
A	20	7	13	21	13	8	0	0	0	0	16	115	15	0	0	0	0	20	13	7	21	8	13	C
A	20	8	13	21	14	8	0	0	0	0	1	11	6	0	0	0	0	20	13	8	21	8	14	C
A	20	8	12	21	14	7	0	0	0	0	2	96	85	2	0	0	0	20	12	8	21	7	14	C
A	20	9	12	21	15	7	0	0	0	0	0	7	13	2	0	0	0	20	12	9	21	7	15	C
A	20	9	11	21	15	6	0	0	0	0	0	30	173	10	0	0	0	20	11	9	21	6	15	C
A	20	10	11	21	16	6	0	0	0	0	0	3	15	5	0	0	0	20	11	10	21	6	16	C
A	20	10	10	21	16	5	0	0	0	0	0	4	139	67	1	0	0	20	10	10	21	5	16	C
A	20	11	10	21	17	5	0	0	0	0	0	1	9	12	1	0	0	20	10	11	21	5	17	C
A	20	11	9	21	17	4	0	0	0	0	0	1	40	186	8	0	0	20	9	11	21	4	17	C
A	20	12	9	21	18	4	0	0	0	0	0	0	3	16	4	0	0	20	9	12	21	4	18	C
A	20	12	8	21	18	3	0	0	0	0	0	0	5	173	61	0	0	20	8	12	21	3	18	C
A	20	13	8	21	19	3	0	0	0	0	0	0	1	9	8	0	0	20	8	13	21	3	19	C
A	20	13	7	21	19	2	0	0	0	0	0	0	1	52	154	1	0	20	7	13	21	2	19	C
A	20	14	7	21	20	2	0	0	0	0	0	0	0	2	8	0	0	20	7	14	21	2	20	C
A	20	14	6	21	20	1	0	0	0	0	0	0	0	5	103	11	0	20	6	14	21	1	20	C
A	20	15	6	21	21	1	0	0	0	0	0	0	0	0	2	1	0	20	6	15	21	1	21	C
A	20	15	5	21	21	0	0	0	0	0	0	0	0	0	14	37	0	20	5	15	21	0	21	C
												Δτ = 12												
B	20	0	20	21	7	15	0	0	1	0	0	0	0	0	0	0	0	20	20	0	21	15	7	B
B	20	1	19	21	8	14	0	0	2	2	0	0	0	0	0	0	0	20	19	1	21	14	8	B
B	20	2	18	21	9	13	0	0	1	5	1	0	0	0	0	0	0	20	18	2	21	13	9	B
B	20	3	17	21	10	12	0	0	0	6	4	0	0	0	0	0	0	20	17	3	21	12	10	B
B	20	4	16	21	11	11	0	0	0	3	11	2	0	0	0	0	0	20	16	4	21	11	11	B
B	20	5	15	21	12	10	0	0	0	1	14	8	1	0	0	0	0	20	15	5	21	10	12	B
B	20	6	14	21	13	9	0	0	0	0	9	17	3	0	0	0	0	20	14	6	21	9	13	B
B	20	7	13	21	14	8	0	0	0	0	2	21	10	1	0	0	0	20	13	7	21	8	14	B
B	20	8	12	21	15	7	0	0	0	0	0	12	20	2	0	0	0	20	12	8	21	7	15	B
B	20	9	11	21	16	6	0	0	0	0	0	3	23	6	0	0	0	20	11	9	21	6	16	B
B	20	10	10	21	17	5	0	0	0	0	0	0	13	15	1	0	0	20	10	10	21	5	17	B
B	20	11	9	21	18	4	0	0	0	0	0	0	3	19	4	0	0	20	9	11	21	4	18	B
B	20	12	8	21	19	3	0	0	0	0	0	0	0	11	9	0	0	20	8	12	21	3	19	B
B	20	13	7	21	20	2	0	0	0	0	0	0	0	2	9	0	0	20	7	13	21	2	20	B
B	20	14	6	21	21	1	0	0	0	0	0	0	0	0	2	1	0	20	6	14	21	1	21	B
												Δτ = 13												
C	20	0	20	21	7	14	0	0	1	0	0	0	0	0	0	0	0	20	20	0	21	14	7	A
C	20	1	19	21	8	13	0	0	2	1	0	0	0	0	0	0	0	20	19	1	21	13	8	A
C	20	2	18	21	9	12	0	0	1	4	0	0	0	0	0	0	0	20	18	2	21	12	9	A
C	20	3	17	21	10	11	0	0	0	5	2	0	0	0	0	0	0	20	17	3	21	11	10	A
C	20	4	16	21	11	10	0	0	0	3	7	0	0	0	0	0	0	20	16	4	21	10	11	A
C	20	5	16	21	12	10	0	0	0	0	1	0	0	0	0	0	0	20	16	5	21	10	12	A
C	20	5	15	21	12	9	0	0	0	1	9	3	0	0	0	0	0	20	15	5	21	9	12	A
C	20	6	15	21	13	9	0	0	0	0	1	0	0	0	0	0	0	20	15	6	21	9	13	A
C	20	6	14	21	13	8	0	0	0	0	6	8	0	0	0	0	0	20	14	6	21	8	13	A
C	20	7	14	21	14	8	0	0	0	0	0	1	0	0	0	0	0	20	14	7	21	8	14	A
C	20	7	13	21	14	7	0	0	0	0	1	10	2	0	0	0	0	20	13	7	21	7	14	A
C	20	8	13	21	15	7	0	0	0	0	0	1	0	0	0	0	0	20	13	8	21	7	15	A
C	20	8	12	21	15	6	0	0	0	0	0	6	7	0	0	0	0	20	12	8	21	6	15	A
C	20	9	12	21	16	6	0	0	0	0	0	0	1	0	0	0	0	20	12	9	21	6	16	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	20	9	11	21	16	5	0	0	0	0	0	1	8	1	0	0	0	20	11	9	21	5	16	A
C	20	10	10	21	17	4	0	0	0	0	0	0	4	3	0	0	0	20	10	10	21	4	17	A
C	20	11	9	21	18	3	0	0	0	0	0	0	1	4	0	0	0	20	9	11	21	3	18	A
C	20	12	8	21	19	2	0	0	0	0	0	0	0	2	1	0	0	20	8	12	21	2	19	A
C	20	13	7	21	20	1	0	0	0	0	0	0	0	0	1	0	0	20	7	13	21	1	20	A
												Δτ = 14												
B	20	5	16	21	12	9	0	0	0	0	1	0	0	0	0	0	0	20	16	5	21	9	12	B
B	20	6	15	21	13	8	0	0	0	0	1	1	0	0	0	0	0	20	15	6	21	8	13	B
B	20	7	14	21	14	7	0	0	0	0	0	2	0	0	0	0	0	20	14	7	21	7	14	B
B	20	8	13	21	15	6	0	0	0	0	0	1	1	0	0	0	0	20	13	8	21	6	15	B
B	20	9	12	21	16	5	0	0	0	0	0	1	2	0	0	0	0	20	12	9	21	5	16	B
B	20	10	11	21	17	4	0	0	0	0	0	0	1	1	0	0	0	20	11	10	21	4	17	B
B	20	11	10	21	18	3	0	0	0	0	0	0	1	1	0	0	0	20	10	11	21	3	18	B
B	20	12	9	21	19	2	0	0	0	0	0	0	0	1	0	0	0	20	9	12	21	2	19	B
												Δτ = 15												
A	20	6	14	21	14	7	0	0	0	0	0	1	0	0	0	0	0	20	14	6	21	7	14	C
A	20	7	13	21	15	6	0	0	0	0	0	1	1	0	0	0	0	20	13	7	21	6	15	C
A	20	8	12	21	16	5	0	0	0	0	0	0	1	0	0	0	0	20	12	8	21	5	16	C
A	20	9	11	21	17	4	0	0	0	0	0	0	1	1	0	0	0	20	11	9	21	4	17	C
A	20	10	10	21	18	3	0	0	0	0	0	0	0	1	0	0	0	20	10	10	21	3	18	C
A	20	11	9	21	19	2	0	0	0	0	0	0	0	1	0	0	0	20	9	11	21	2	19	C
J=21			ΔJ = 0																					
												Δτ = 1												
A	21	11	11	21	11	10	1126190	1125567	1115339	1076668	926684	534937	506298	659007	742693	800472	819048	21	11	11	21	10	11	C
C	21	11	10	21	12	10	767857	752144	703452	633895	512976	385136	659154	868280	917215	929961	930736	21	10	11	21	10	12	A
A	21	12	10	21	12	9	1340260	1339753	1331457	1300350	1184922	874592	505153	670672	773914	843388	865584	21	10	12	21	9	12	C
C	21	12	9	21	13	9	712013	698655	657354	598816	500053	376315	398775	672669	736750	752918	753896	21	9	12	21	9	13	A
A	21	13	9	21	13	8	1572944	1572530	1565768	1540531	1448884	1226147	676196	662216	795073	880486	907468	21	9	13	21	8	13	C
C	21	13	8	21	14	8	651515	640162	605112	555663	473562	375338	272774	483029	573322	594410	595671	21	8	13	21	8	14	A
A	21	14	8	21	14	7	1824242	1823905	1818396	1797894	1724327	1553892	1107340	639634	802239	911054	944697	21	8	14	21	7	14	C
C	21	14	7	21	15	7	586364	576772	547187	505566	437078	357523	256444	294302	425573	454382	456061	21	7	14	21	7	15	A
A	21	15	7	21	15	6	2094156	2093883	2089424	2072861	2013845	1880276	1563257	763119	787643	933751	977273	21	7	15	21	6	15	C
C	21	15	6	21	16	6	516558	508556	483889	449248	392540	327675	248331	174515	289611	332727	335065	21	6	15	21	6	16	A
A	21	16	6	21	16	5	2382684	2382466	2378908	2365708	2318879	2214259	1977569	1256284	763150	945766	1005195	21	6	16	21	5	16	C
C	21	16	5	21	17	5	442100	435566	415435	387195	341106	288824	226456	144162	163493	229189	232684	21	5	16	21	5	17	A
A	21	17	5	21	17	4	2689827	2689657	2686889	2676626	2640320	2559830	2381845	1887364	953714	940665	1028463	21	5	17	21	4	17	C
C	21	17	4	21	18	4	362987	357839	341978	319745	283525	242625	194436	131971	89634	142972	148918	21	4	17	21	4	18	A
A	21	18	4	21	18	3	3015584	3015458	3013395	3005752	2978758	2919197	2789126	2447463	1646670	918255	1047078	21	4	18	21	3	18	C
C	21	18	3	21	19	3	279221	275400	263632	247142	220307	190080	154686	109788	67954	72307	83766	21	3	18	21	3	19	A
A	21	19	3	21	19	2	3359957	3359870	3358448	3353182	3334606	3293738	3205133	2978067	2490717	1114847	1061039	21	3	19	21	2	19	C
C	21	19	2	21	20	2	190801	188271	180480	169566	151814	131846	108534	79241	52247	29284	37229	21	2	19	21	2	20	A
A	21	20	2	21	20	1	3722944	3722893	3722063	3718991	3708161	3684376	3633022	3503021	3236691	2106163	1070346	21	2	20	21	1	20	C
C	21	20	1	21	21	1	97727	96467	92587	87151	78312	68376	56792	42290	29085	13359	9307	21	1	20	21	1	21	A
A	21	21	1	21	21	0	4104545	4104529	4104253	4103235	4099644	4091762	4074767	4031917	3945278	3588077	2150000	21	1	21	21	0	21	C
												Δτ = 2												
B	21	10	11	21	11	10	819048	837804	898524	992949	1186016	1683626	1186016	992949	898524	837804	819048	21	11	10	21	10	11	B
B	21	11	11	21	12	10	767857	783739	835181	914904	1070528	1253213	1175043	992936	898524	837804	819048	21	11	11	21	10	12	B
B	21	11	10	21	12	9	767857	783739	835181	914905	1071214	1408629	1392940	1073821	960363	887962	865584	21	10	11	21	9	12	B
B	21	12	10	21	13	9	712013	725523	769309	837057	968236	1155893	1254939	1073542	960363	887962	865584	21	10	12	21	9	13	B
B	21	12	9	21	13	8	712013	725523	769309	837057	968275	1168813	1682407	1163394	1022381	934603	907468	21	9	12	21	8	13	B
B	21	13	9	21	14	8	651515	663003	700249	757836	868698	1029635	1238921	1158654	1022370	934603	907468	21	9	13	21	8	14	B
B	21	13	8	21	14	7	651515	663003	700249	757836	868700	1030410	1415826	1305633	1087558	978392	944697	21	8	13	21	7	14	B
B	21	14	8	21	15	7	586364	596072	627560	676232	769629	904092	1117176	1233081	1087282	978392	944697	21	8	14	21	7	15	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	21	14	7	21	15	6	586364	596072	627560	676232	769629	904135	1132090	1633245	1163014	1020534	977273	21	7	14	21	6	15	B
B	21	15	7	21	16	6	516558	524659	550941	591563	669380	780724	960288	1224514	1157542	1020533	977273	21	7	15	21	6	16	B
B	21	15	6	21	16	5	516558	524659	550941	591563	669380	780726	961088	1514831	1303868	1063394	1005195	21	6	15	21	5	16	B
B	21	16	6	21	17	5	442100	448714	470179	503356	566856	657400	802465	1080722	1213305	1063341	1005195	21	6	16	21	5	17	B
B	21	16	5	21	17	4	442100	448714	470179	503356	566856	657400	802505	1113743	1654823	1112685	1028463	21	5	16	21	4	17	B
B	21	17	5	21	18	4	362987	368200	385119	411272	461304	532514	646039	871897	1157009	1110696	1028463	21	5	17	21	4	18	B
B	21	17	4	21	18	3	362987	368200	385119	411272	461304	532514	646041	873353	1435770	1204273	1047078	21	4	17	21	3	18	B
B	21	18	4	21	19	3	279221	283090	295647	315059	352189	404987	488938	655484	927678	1151299	1047078	21	4	18	21	3	19	B
B	21	18	3	21	19	2	279221	283090	295647	315059	352189	404987	488938	655538	950834	1586896	1061039	21	3	18	21	2	19	B
B	21	19	3	21	20	2	190801	193363	201678	214533	239119	274065	329563	439317	624984	1046776	1061039	21	3	19	21	2	20	B
B	21	19	2	21	20	1	190801	193363	201678	214533	239119	274065	329563	439318	625635	1471501	1070346	21	2	19	21	1	20	B
B	21	20	2	21	21	1	97727	99003	103145	109549	121798	139204	166836	221415	313821	608532	1070346	21	2	20	21	1	21	B
B	21	20	1	21	21	0	97727	99003	103145	109549	121798	139204	166836	221415	313832	637882	2150000	21	1	20	21	0	21	B
												Δτ = 3												
A	21	10	11	21	12	10	0	90	1557	7103	28257	145857	497669	658994	742693	800472	819048	21	11	10	21	10	12	C
C	21	11	11	21	12	9	767857	752144	703452	633895	512400	294895	43501	9767	2128	122	0	21	11	11	21	9	12	A
A	21	11	10	21	13	9	0	65	1136	5162	20146	65000	403897	670404	773913	843388	865584	21	10	11	21	9	13	C
C	21	12	10	21	13	8	712013	698655	657354	598816	500020	368237	94773	13546	2919	167	0	21	10	12	21	8	13	A
A	21	12	9	21	14	8	0	47	821	3719	14365	40564	203125	657731	795062	880486	907468	21	9	12	21	8	14	C
C	21	13	9	21	14	7	651515	640162	605112	555663	473560	374801	197952	19855	4050	231	0	21	9	13	21	7	14	A
A	21	13	8	21	15	7	0	34	583	2634	10103	27909	85017	575491	801959	911054	944697	21	8	13	21	7	15	C
C	21	14	8	21	15	6	586364	576772	547187	505566	437078	357492	249662	39724	5750	325	0	21	8	14	21	6	15	A
A	21	14	7	21	16	6	0	23	402	1816	6931	18918	49106	331893	782078	933750	977273	21	7	14	21	6	16	C
C	21	15	7	21	16	5	516558	508556	483889	449248	392540	327674	247910	95245	8854	471	0	21	7	15	21	5	16	A
A	21	15	6	21	17	5	0	15	266	1202	4571	12370	31252	122117	674298	945711	1005195	21	6	15	21	5	17	C
C	21	16	6	21	17	4	442100	435566	415435	387195	341106	288824	226435	135492	19731	715	0	21	6	16	21	4	17	A
A	21	16	5	21	18	4	0	10	166	747	2835	7625	18984	55817	354076	938603	1028463	21	5	16	21	4	18	C
C	21	17	5	21	18	3	362987	357839	341978	319745	283525	242625	194436	131501	49981	1194	0	21	5	17	21	3	18	A
A	21	17	4	21	19	3	0	5	93	421	1592	4264	10505	29383	106633	863181	1047078	21	4	17	21	3	19	C
C	21	18	4	21	19	2	279221	275400	263632	247142	220307	190080	154686	109769	64613	2979	0	21	4	18	21	2	19	A
A	21	18	3	21	20	2	0	3	44	198	750	2000	4889	13380	36732	489985	1061039	21	3	18	21	2	20	C
C	21	19	3	21	20	1	190801	188271	180480	169566	151814	131846	108534	79241	52127	10264	0	21	3	19	21	1	20	A
A	21	19	2	21	21	1	0	1	14	63	236	629	1528	4117	10762	83803	1070346	21	2	19	21	1	21	C
C	21	20	2	21	21	0	97727	96467	92587	87151	78312	68376	56792	42290	29083	12182	0	21	2	20	21	0	21	A
												Δτ = 5												
A	21	10	12	21	12	9	0	90	1557	7103	27854	46698	7152	1551	347	21	0	21	12	10	21	9	12	C
C	21	10	11	21	13	9	0	12	197	867	3383	18955	36083	9764	2128	122	0	21	11	10	21	9	13	A
A	21	11	11	21	13	8	0	65	1136	5162	20128	52045	22026	2844	617	36	0	21	11	11	21	8	13	C
C	21	11	10	21	14	8	0	7	112	487	1809	5949	33448	13468	2919	167	0	21	10	11	21	8	14	A
A	21	12	10	21	14	7	0	47	821	3719	14364	39842	57184	5684	1127	65	0	21	10	12	21	7	14	C
C	21	12	9	21	15	7	0	4	63	271	977	2657	13941	18164	4049	231	0	21	9	12	21	7	15	A
A	21	13	9	21	15	6	0	34	583	2634	10103	27876	65216	16244	2156	122	0	21	9	13	21	6	15	C
C	21	13	8	21	16	6	0	2	34	147	519	1336	4008	19779	5715	325	0	21	8	13	21	6	16	A
A	21	14	8	21	16	5	0	23	402	1816	6931	18917	48040	52861	4660	242	0	21	8	14	21	5	16	C
C	21	14	7	21	17	5	0	1	18	76	265	661	1585	10260	7972	471	0	21	7	14	21	5	17	A
A	21	15	7	21	17	4	0	15	266	1202	4571	12370	31210	74393	15450	518	0	21	7	15	21	4	17	C
C	21	15	6	21	18	4	0	1	9	36	126	308	692	2488	8670	713	0	21	6	15	21	4	18	A
A	21	16	6	21	18	3	0	10	166	747	2835	7625	18982	53075	54654	1294	0	21	6	16	21	3	18	C
C	21	16	5	21	19	3	0	0	4	16	53	128	278	692	3771	1130	0	21	5	16	21	3	19	A
A	21	17	5	21	19	2	0	5	93	421	1592	4264	10505	29301	66826	5273	0	21	5	17	21	2	19	C
C	21	17	4	21	20	2	0	0	1	5	18	44	92	207	618	1513	0	21	4	17	21	2	20	A
A	21	18	4	21	20	1	0	3	44	198	750	2000	4889	13378	35289	30475	0	21	4	18	21	1	20	C
C	21	18	3	21	21	1	0	0	0	1	4	9	19	41	86	628	0	21	3	18	21	1	21	A
A	21	19	3	21	21	0	0	1	14	63	236	629	1528	4117	10744	37712	0	21	3	19	21	0	21	C
												Δτ = 6												

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	21	9	12	21	12	9	0	21	386	1940	11047	74342	11047	1940	386	21	0	21	12	9	21	9	12	B
B	21	10	12	21	13	9	0	12	219	1084	5144	14735	9278	1939	386	21	0	21	12	10	21	9	13	B
B	21	10	11	21	13	8	0	12	219	1084	5215	37512	33672	3558	686	37	0	21	11	10	21	8	13	B
B	21	11	11	21	14	8	0	7	125	609	2783	9726	14048	3538	686	37	0	21	11	11	21	8	14	B
B	21	11	10	21	14	7	0	7	125	609	2785	11948	72815	7121	1253	67	0	21	10	11	21	7	14	B
B	21	12	10	21	15	7	0	4	70	338	1504	5234	14101	6542	1252	67	0	21	10	12	21	7	15	B
B	21	12	9	21	15	6	0	4	70	338	1504	5324	39191	20327	2397	126	0	21	9	12	21	6	15	B
B	21	13	9	21	16	6	0	2	38	183	799	2672	8999	10891	2383	126	0	21	9	13	21	6	16	B
B	21	13	8	21	16	5	0	2	38	183	799	2675	11493	60730	5185	248	0	21	8	13	21	5	16	B
B	21	14	8	21	17	5	0	1	20	95	408	1322	4443	12339	4686	248	0	21	8	14	21	5	17	B
B	21	14	7	21	17	4	0	1	20	95	408	1322	4536	48826	17155	532	0	21	7	14	21	4	17	B
B	21	15	7	21	18	4	0	1	9	46	194	616	1976	7945	8135	531	0	21	7	15	21	4	18	B
B	21	15	6	21	18	3	0	1	9	46	194	616	1979	12462	55402	1327	0	21	6	15	21	3	18	B
B	21	16	6	21	19	3	0	0	4	19	82	257	794	3303	8488	1258	0	21	6	16	21	3	19	B
B	21	16	5	21	19	2	0	0	4	19	82	257	794	3466	36324	5409	0	21	5	16	21	2	19	B
B	21	17	5	21	20	2	0	0	1	7	28	87	262	1032	4003	2818	0	21	5	17	21	2	20	B
B	21	17	4	21	20	1	0	0	1	7	28	87	262	1035	6179	30246	0	21	4	17	21	1	20	B
B	21	18	4	21	21	1	0	0	0	1	6	19	55	207	830	2892	0	21	4	18	21	1	21	B
B	21	18	3	21	21	0	0	0	0	1	6	19	55	207	863	23840	0	21	3	18	21	0	21	B
												$\Delta\tau = 7$												
A	21	9	12	21	13	9	0	0	1	12	245	5540	5992	1551	347	21	0	21	12	9	21	9	13	C
C	21	10	12	21	13	8	0	12	197	867	3337	7047	1020	28	1	0	0	21	12	10	21	8	13	A
A	21	10	11	21	14	8	0	0	0	5	87	1680	8805	2828	617	36	0	21	11	10	21	8	14	C
C	21	11	11	21	14	7	0	7	112	487	1807	4827	3547	74	3	0	0	21	11	11	21	7	14	A
A	21	11	10	21	15	7	0	0	0	2	36	384	7189	5217	1127	65	0	21	10	11	21	7	15	C
C	21	12	10	21	15	6	0	4	63	271	977	2612	4693	285	7	0	0	21	10	12	21	6	15	A
A	21	12	9	21	16	6	0	0	0	1	15	126	2192	8573	2143	122	0	21	9	12	21	6	16	C
C	21	13	9	21	16	5	0	2	34	147	519	1335	3126	1279	21	0	0	21	9	13	21	5	16	A
A	21	13	8	21	17	5	0	0	0	0	6	46	440	8708	4210	242	0	21	8	13	21	5	17	C
C	21	14	8	21	17	4	0	1	18	76	265	661	1552	2267	99	0	0	21	8	14	21	4	17	A
A	21	14	7	21	18	4	0	0	0	0	2	16	120	3208	7229	517	0	21	7	14	21	4	18	C
C	21	15	7	21	18	3	0	1	9	36	126	308	691	1573	503	1	0	21	7	15	21	3	18	A
A	21	15	6	21	19	3	0	0	0	0	1	5	35	487	6759	1226	0	21	6	15	21	3	19	C
C	21	16	6	21	19	2	0	0	4	16	53	128	278	660	799	4	0	21	6	16	21	2	19	A
A	21	16	5	21	20	2	0	0	0	0	0	1	8	78	1717	2742	0	21	5	16	21	2	20	C
C	21	17	5	21	20	1	0	0	1	5	18	44	92	206	398	35	0	21	5	17	21	1	20	A
A	21	17	4	21	21	1	0	0	0	0	0	0	1	10	117	2699	0	21	4	17	21	1	21	C
C	21	18	4	21	21	0	0	0	0	1	4	9	19	41	83	68	0	21	4	18	21	0	21	A
												$\Delta\tau = 9$												
A	21	9	13	21	13	8	0	0	1	12	206	818	120	3	0	0	0	21	13	9	21	8	13	C
C	21	9	12	21	14	8	0	0	0	1	22	486	416	28	1	0	0	21	12	9	21	8	14	A
A	21	10	12	21	14	7	0	0	0	5	86	640	562	12	0	0	0	21	12	10	21	7	14	C
C	21	10	11	21	15	7	0	0	0	0	6	108	537	68	3	0	0	21	11	10	21	7	15	A
A	21	11	11	21	15	6	0	0	0	2	36	312	984	59	2	0	0	21	11	11	21	6	15	C
C	21	11	10	21	16	6	0	0	0	0	2	18	324	152	7	0	0	21	10	11	21	6	16	A
A	21	12	10	21	16	5	0	0	0	1	15	124	761	358	6	0	0	21	10	12	21	5	16	C
C	21	12	9	21	17	5	0	0	0	0	1	4	70	231	19	0	0	21	9	12	21	5	17	A
A	21	13	9	21	17	4	0	0	0	0	6	46	344	865	37	0	0	21	9	13	21	4	17	C
C	21	13	8	21	18	4	0	0	0	0	0	1	10	168	47	0	0	21	8	13	21	4	18	A
A	21	14	8	21	18	3	0	0	0	0	2	16	118	753	260	0	0	21	8	14	21	3	18	C
C	21	14	7	21	19	3	0	0	0	0	0	0	2	39	69	1	0	21	7	14	21	3	19	A
A	21	15	7	21	19	2	0	0	0	0	1	5	35	309	588	3	0	21	7	15	21	2	19	C
C	21	15	6	21	20	2	0	0	0	0	0	0	0	3	38	2	0	21	6	15	21	2	20	A
A	21	16	6	21	20	1	0	0	0	0	0	1	8	74	381	37	0	21	6	16	21	1	20	C
C	21	16	5	21	21	1	0	0	0	0	0	0	0	0	4	3	0	21	5	16	21	1	21	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	21	17	5	21	21	0	0	0	0	0	0	0	1	10	75	117	0	21	5	17	21	0	21	C
												Δτ = 10												
B	21	8	13	21	13	8	0	0	0	4	185	1577	185	4	0	0	0	21	13	8	21	8	13	B
B	21	9	13	21	14	8	0	0	0	1	28	149	76	4	0	0	0	21	13	9	21	8	14	B
B	21	9	12	21	14	7	0	0	0	1	34	969	862	15	1	0	0	21	12	9	21	7	14	B
B	21	10	12	21	15	7	0	0	0	0	9	83	135	13	1	0	0	21	12	10	21	7	15	B
B	21	10	11	21	15	6	0	0	0	0	9	216	1469	74	2	0	0	21	11	10	21	6	15	B
B	21	11	11	21	16	6	0	0	0	0	3	30	132	39	2	0	0	21	11	11	21	6	16	B
B	21	11	10	21	16	5	0	0	0	0	3	36	923	447	7	0	0	21	10	11	21	5	16	B
B	21	12	10	21	17	5	0	0	0	0	1	9	69	82	6	0	0	21	10	12	21	5	17	B
B	21	12	9	21	17	4	0	0	0	0	1	9	199	1068	41	0	0	21	9	12	21	4	17	B
B	21	13	9	21	18	4	0	0	0	0	0	2	22	90	19	0	0	21	9	13	21	4	18	B
B	21	13	8	21	18	3	0	0	0	0	0	2	28	835	289	0	0	21	8	13	21	3	18	B
B	21	14	8	21	19	3	0	0	0	0	0	1	5	46	40	0	0	21	8	14	21	3	19	B
B	21	14	7	21	19	2	0	0	0	0	0	1	5	196	647	3	0	21	7	14	21	2	19	B
B	21	15	7	21	20	2	0	0	0	0	0	0	1	11	35	1	0	21	7	15	21	2	20	B
B	21	15	6	21	20	1	0	0	0	0	0	0	1	17	376	38	0	21	6	15	21	1	20	B
B	21	16	6	21	21	1	0	0	0	0	0	0	0	1	9	4	0	21	6	16	21	1	21	B
B	21	16	5	21	21	0	0	0	0	0	0	0	0	1	40	120	0	21	5	16	21	0	21	B
												Δτ = 11												
A	21	8	13	21	14	8	0	0	0	0	3	72	49	3	0	0	0	21	13	8	21	8	14	C
C	21	9	13	21	14	7	0	0	0	1	18	74	19	0	0	0	0	21	13	9	21	7	14	A
A	21	9	12	21	15	7	0	0	0	0	0	31	87	11	0	0	0	21	12	9	21	7	15	C
C	21	10	12	21	15	6	0	0	0	0	6	41	45	1	0	0	0	21	12	10	21	6	15	A
A	21	10	11	21	16	6	0	0	0	0	0	5	83	32	2	0	0	21	11	10	21	6	16	C
C	21	11	11	21	16	5	0	0	0	0	2	15	46	5	0	0	0	21	11	11	21	5	16	A
A	21	11	10	21	17	5	0	0	0	0	0	1	36	65	5	0	0	21	10	11	21	5	17	C
C	21	12	10	21	17	4	0	0	0	0	1	4	24	15	0	0	0	21	10	12	21	4	17	A
A	21	12	9	21	18	4	0	0	0	0	0	0	5	71	17	0	0	21	9	12	21	4	18	C
C	21	13	9	21	18	3	C	0	0	0	0	1	8	18	1	0	0	21	9	13	21	3	18	A
A	21	13	8	21	19	3	0	0	0	0	0	0	0	33	36	0	0	21	8	13	21	3	19	C
C	21	14	8	21	19	2	0	0	0	0	0	0	2	9	4	0	0	21	8	14	21	2	19	A
A	21	14	7	21	20	2	0	0	0	0	0	0	0	4	31	1	0	21	7	14	21	2	20	C
C	21	15	7	21	20	1	0	0	0	0	0	0	0	2	3	0	0	21	7	15	21	1	20	A
A	21	15	6	21	21	1	0	0	0	0	0	0	0	0	7	3	0	21	6	15	21	1	21	C
C	21	16	6	21	21	0	0	0	0	0	0	0	0	0	1	0	0	21	6	16	21	0	21	A
												Δτ = 13												
A	21	8	14	21	14	7	0	0	0	0	1	6	2	0	0	0	0	21	14	8	21	7	14	C
C	21	8	13	21	15	7	0	0	0	0	0	5	3	0	0	0	0	21	13	8	21	7	15	A
A	21	9	13	21	15	6	0	0	0	0	0	5	5	0	0	0	0	21	13	9	21	6	15	C
C	21	9	12	21	16	6	0	0	0	0	0	1	4	0	0	0	0	21	12	9	21	6	16	A
A	21	10	12	21	16	5	0	0	0	0	0	2	7	1	0	0	0	21	12	10	21	5	16	C
C	21	10	11	21	17	5	0	0	0	0	0	0	3	1	0	0	0	21	11	10	21	5	17	A
A	21	11	11	21	17	4	0	0	0	C	0	1	5	3	0	0	0	21	11	11	21	4	17	C
C	21	11	10	21	18	4	0	0	0	0	0	0	1	1	0	0	0	21	10	11	21	4	18	A
A	21	12	10	21	18	3	0	0	0	0	0	0	2	5	0	0	0	21	10	12	21	3	18	C
C	21	12	9	21	19	3	0	0	0	0	0	0	0	1	0	0	0	21	9	12	21	3	19	A
A	21	13	9	21	19	2	0	0	0	0	0	0	C	4	1	0	0	21	9	13	21	2	19	C
A	21	14	8	21	20	1	0	0	0	0	0	0	0	1	2	0	0	21	8	14	21	1	20	C
A	21	15	7	21	21	0	0	0	0	0	0	0	0	0	1	0	0	21	7	15	21	0	21	C
												Δτ = 14												
B	21	7	14	21	14	7	0	0	0	0	3	13	3	0	0	0	0	21	14	7	21	7	14	B
B	21	8	14	21	15	7	0	0	0	0	0	1	0	0	0	0	0	21	14	8	21	7	15	B
B	21	8	13	21	15	6	0	0	0	0	0	9	8	0	0	0	0	21	13	8	21	6	15	B
B	21	9	13	21	16	6	0	0	0	0	0	0	1	0	0	0	0	21	13	9	21	6	16	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}						κ						J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
							∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0							
B	21	9	12	21	16	5	0	0	0	0	0	3	11	1	0	0	0	21	12	9	21	5	16	B
B	21	10	12	21	17	5	0	0	0	0	0	0	1	0	0	0	0	21	12	10	21	5	17	B
B	21	10	11	21	17	4	0	0	0	0	0	0	8	4	0	0	0	21	11	10	21	4	17	B
B	21	11	10	21	18	3	0	0	0	0	0	0	2	6	0	0	0	21	10	11	21	3	18	B
B	21	12	9	21	19	2	0	0	0	0	0	0	0	4	2	0	0	21	9	12	21	2	19	B
B	21	13	8	21	20	1	0	0	0	0	0	0	0	1	2	0	0	21	8	13	21	1	20	B
B	21	14	7	21	21	0	0	0	0	0	0	0	0	0	1	0	0	21	7	14	21	0	21	B
J=21			ΔJ = 1																					
												Δτ = 0												
B	21	11	10	22	12	11	1275000	1256677	1196409	1100054	897472	584716	735619	992232	1107528	1178521	1200000	21	10	11	22	11	12	B
B	21	12	9	22	13	10	1352273	1336614	1285282	1204015	1038926	762862	581202	876859	1017586	1101941	1127273	21	9	12	22	10	13	B
B	21	13	8	22	14	9	1431818	1418467	1374805	1306131	1169380	954607	593369	746728	924775	1026608	1056818	21	8	13	22	9	14	B
B	21	14	7	22	15	8	1513636	1502328	1465413	1407614	1293946	1122086	802455	605798	825668	951969	988636	21	7	14	22	8	15	B
B	21	15	6	22	16	7	1597727	1588262	1557406	1509253	1415333	1276386	1034041	583177	713556	877009	922727	21	6	15	22	7	16	B
B	21	16	5	22	17	6	1684091	1676316	1650997	1611581	1535143	1423570	1236356	803361	596653	799663	859091	21	5	16	22	6	17	B
B	21	17	4	22	18	5	1772727	1766525	1746342	1714982	1654415	1566783	1422858	1109415	626383	715366	797727	21	4	17	22	5	18	B
B	21	18	3	22	19	4	1863636	1858914	1843558	1819733	1773856	1707878	1600902	1378292	944646	623780	738636	21	3	18	22	4	19	B
B	21	19	2	22	20	3	1956818	1953504	1942735	1926044	1893975	1848049	1774191	1624033	1349429	666645	681818	21	2	19	22	3	20	B
B	21	20	1	22	21	2	2052273	2050312	2043940	2034074	2015148	1988119	1944875	1858061	1705533	1133106	627273	21	1	20	22	2	21	B
B	21	21	0	22	22	1	2150000	2149348	2147229	2143949	2137658	2128681	2114339	2085655	2035851	1851193	1150000	21	0	21	22	1	22	B
												Δτ = 1												
C	21	0	21	22	1	21	1150000	415270	267301	228722	209190	201367	197724	196062	195590	195462	195455	21	21	0	22	21	1	A
C	21	1	21	22	2	21	627273	403453	267299	228722	209190	201367	197724	196062	195590	195462	195455	21	21	1	22	21	2	A
C	21	1	20	22	2	20	627273	903219	522143	446806	408642	393363	386250	383004	382082	381833	381818	21	20	1	22	20	2	A
C	21	2	20	22	3	20	681818	707749	521979	446806	408642	393363	386250	383004	382082	381833	381818	21	20	2	22	20	3	A
C	21	2	19	22	3	19	681818	1033220	767629	654365	598373	575989	565577	560826	559477	559113	559091	21	19	2	22	19	3	A
C	21	3	19	22	4	19	738636	830812	760621	654357	598373	575989	565577	560826	559477	559113	559091	21	19	3	22	19	4	A
C	21	3	18	22	4	18	738636	867288	1063883	851610	778416	749251	735704	729528	727775	727302	727273	21	18	3	22	18	4	A
C	21	4	18	22	5	18	797727	872733	954796	851340	778416	749251	735704	729528	727775	727302	727273	21	18	4	22	18	5	A
C	21	4	17	22	5	17	797727	874255	1252781	1042113	948836	913155	896633	889109	886975	886399	886364	21	17	4	22	17	5	A
C	21	5	17	22	6	17	859091	915421	1057134	1034326	948832	913155	896633	889109	886975	886399	886364	21	17	5	22	17	6	A
C	21	5	16	22	6	16	859091	915466	1123930	1277737	1109738	1067720	1048363	1039570	1037078	1036405	1036364	21	16	5	22	16	6	A
C	21	6	16	22	7	16	922727	966747	1097039	1181436	1109651	1067720	1048363	1039570	1037078	1036405	1036364	21	16	6	22	16	7	A
C	21	6	15	22	7	15	922727	966748	1101742	1419775	1261822	1212978	1190896	1180908	1178082	1177319	1177273	21	15	6	22	15	7	A
C	21	7	15	22	8	15	988636	1024231	1131788	1261828	1259713	1212976	1190896	1180908	1178082	1177319	1177273	21	15	7	22	15	8	A
C	21	7	14	22	8	14	988636	1024231	1132057	1317691	1427501	1348974	1324238	1313124	1309988	1309143	1309091	21	14	7	22	14	8	A
C	21	8	14	22	9	14	1056818	1086288	1175661	1298343	1389116	1348927	1324238	1313124	1309988	1309143	1309091	21	14	8	22	14	9	A
C	21	8	13	22	9	13	1056818	1086288	1175673	1302782	1603221	1475963	1448396	1436216	1432795	1431875	1431818	21	13	8	22	13	9	A
C	21	9	13	22	10	13	1127273	1152062	1227428	1332091	1474170	1474866	1448395	1436216	1432795	1431875	1431818	21	13	9	22	13	10	A
C	21	9	12	22	10	12	1127273	1152062	1227428	1332396	1566656	1606385	1563372	1550181	1546503	1545515	1545455	21	12	9	22	12	10	A
C	21	10	12	22	11	12	1200000	1221065	1285250	1374288	1516239	1584589	1563352	1550181	1546503	1545515	1545455	21	12	10	22	12	11	A
C	21	10	11	22	11	11	1200000	1221065	1285250	1374306	1526191	1754909	1669192	1655014	1651109	1650064	1650000	21	11	10	22	11	11	A
C	21	11	11	22	12	11	1275000	1292998	1347945	1424147	1547984	1661115	1668708	1655014	1651109	1650064	1650000	21	11	11	22	11	12	A
C	21	11	10	22	12	10	1275000	1292998	1347945	1424148	1548754	1750080	1771660	1750703	1746610	1745521	1745455	21	10	11	22	10	12	A
C	21	12	10	22	13	10	1352273	1367672	1414762	1480112	1585993	1702437	1760811	1750700	1746610	1745521	1745455	21	10	12	22	10	13	A
C	21	12	9	22	13	9	1352273	1367672	1414762	1480112	1586046	1713483	1889615	1837190	1833000	1831886	1831818	21	9	12	22	9	13	A
C	21	13	9	22	14	9	1431818	1444960	1485202	1541111	1631471	1733399	1828055	1837121	1833000	1831886	1831818	21	9	13	22	9	14	A
C	21	13	8	22	14	8	1431818	1444960	1485202	1541111	1631474	1734275	1906692	1915081	1910262	1909158	1909091	21	8	13	22	8	14	A
C	21	14	8	22	15	8	1513636	1524775	1558923	1606424	1683135	1769377	1867099	1913146	1910261	1909158	1909091	21	8	14	22	8	15	A
C	21	14	7	22	15	7	1513636	1524775	1558923	1606424	1683135	1769439	1878288	1997658	1978337	1977335	1977273	21	7	14	22	7	15	A
C	21	15	7	22	16	7	1597727	1607056	1635682	1675548	1739946	1812100	1896482	1973152	1978313	1977335	1977273	21	7	15	22	7	16	A
C	21	15	6	22	16	6	1597727	1607056	1635682	1675548	1739946	1812104	1897354	2045881	2037380	2036413	2036364	21	6	15	22	6	16	A
C	21	16	6	22	17	6	1684091	1691757	1715300	1748125	1801187	1860555	1929832	2011414	2036496	2036413	2036364	21	6	16	22	6	17	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	21	16	5	22	17	5	1684091	1691757	1715300	1748125	1801187	1860555	1929891	2028195	2094456	2086373	2086364	21	5	16	22	5	17	A
C	21	17	5	22	18	5	1772727	1778845	1797647	1823888	1866346	1913843	1969093	2037997	2081470	2086372	2086364	21	5	17	22	5	18	A
C	21	17	4	22	18	4	1772727	1778845	1797647	1823888	1866346	1913843	1969096	2039298	2126137	2127148	2127273	21	4	17	22	4	18	A
C	21	18	4	22	19	4	1863636	1868296	1882622	1902635	1935049	1971327	2013475	2066171	2110627	2127107	2127273	21	4	18	22	4	19	A
C	21	18	3	22	19	3	1863636	1868296	1882622	1902635	1935049	1971327	2013475	2066251	2119831	2159697	2159091	21	3	18	22	3	19	A
C	21	19	3	22	20	3	1956818	1960089	1970149	1984213	2007013	2032552	2062222	2099239	2132557	2157845	2159091	21	3	19	22	3	20	A
C	21	19	2	22	20	2	1956818	1960089	1970149	1984213	2007013	2032552	2062222	2099242	2133148	2181326	2181818	21	2	19	22	2	20	A
C	21	20	2	22	21	2	2052273	2054209	2060166	2068499	2082019	2097176	2114794	2136760	2156633	2177877	2181818	21	2	20	22	2	21	A
C	21	20	1	22	21	1	2052273	2054209	2060166	2068499	2082019	2097176	2114794	2136760	2156658	2183958	2195455	21	1	20	22	1	21	A
C	21	21	1	22	22	1	2150000	2150644	2152625	2155397	2159895	2164938	2170798	2178101	2184701	2192478	2195455	21	1	21	22	1	22	A
C	21	21	0	22	22	0	2150000	2150644	2152625	2155397	2159895	2164938	2170798	2178101	2184702	2192734	2200000	21	0	21	22	0	22	A
												Δτ = 2												
B	21	1	21	22	2	20	627273	49901	10383	6096	4153	3325	2856	2550	2397	2302	2273	21	21	1	22	20	2	B
B	21	2	20	22	3	19	681818	291733	32826	18650	12550	10003	8575	7650	7192	6905	6818	21	20	2	22	19	3	B
B	21	3	19	22	4	18	738636	585780	80844	38128	25297	20061	17161	15298	14381	13809	13636	21	19	3	22	18	4	B
B	21	4	18	22	5	17	797727	713778	241421	65459	42505	33521	28613	25489	23963	23014	22727	21	18	4	22	17	5	B
B	21	5	17	22	6	16	859091	799616	526364	115228	64249	50388	42916	38211	35928	34516	34091	21	17	5	22	16	6	B
B	21	6	16	22	7	15	922727	877008	708444	270626	90526	70626	60038	53439	50265	48313	47727	21	16	6	22	15	7	B
B	21	7	15	22	8	14	988636	951969	825376	545358	126133	94074	79903	71134	66953	64399	63636	21	15	7	22	14	8	B
B	21	8	14	22	9	13	1056818	1026608	924762	741675	224668	120292	102354	91223	85957	82766	81818	21	14	8	22	13	9	B
B	21	9	13	22	10	12	1127273	1101941	1017586	876508	471809	151671	127041	113581	107221	103400	102273	21	13	9	22	12	10	B
B	21	10	12	22	11	11	1200000	1178521	1107528	992212	723541	233044	153172	137976	130647	126278	125000	21	12	10	22	11	11	B
B	21	11	11	22	12	10	1275000	1256677	1196409	1100053	896498	465164	181179	163961	156069	151361	150000	21	11	11	22	10	12	B
B	21	12	10	22	13	9	1352273	1336614	1285282	1204015	1038859	747937	247613	190590	183183	178584	177273	21	10	12	22	9	13	B
B	21	13	9	22	14	8	1431818	1418467	1374805	1306131	1169376	953359	465874	216226	211400	207828	206818	21	9	13	22	8	14	B
B	21	14	8	22	15	7	1513636	1502328	1465413	1407614	1293946	1121997	784682	255028	239470	238868	238636	21	8	14	22	7	15	B
B	21	15	7	22	16	6	1597727	1588262	1557406	1509253	1415333	1276381	1032571	413681	265034	271250	272727	21	7	15	22	6	16	B
B	21	16	6	22	17	5	1684091	1676316	1650997	1611581	1535143	1423570	1236255	768785	302938	303945	309091	21	6	16	22	5	17	B
B	21	17	5	22	18	4	1772727	1766525	1746342	1714982	1654415	1566783	1422852	1106553	483475	334490	347727	21	5	17	22	4	18	B
B	21	18	4	22	19	3	1863636	1858914	1843558	1819733	1773856	1707878	1600902	1378113	917390	365710	388636	21	4	18	22	3	19	B
B	21	19	3	22	20	2	1956818	1953504	1942735	1926044	1893975	1848049	1774191	1624025	1347584	524100	431818	21	3	19	22	2	20	B
B	21	20	2	22	21	1	2052273	2050312	2043940	2034074	2015148	1988119	1944875	1858061	1705456	1096314	477273	21	2	20	22	1	21	B
B	21	21	1	22	22	0	2150000	2149348	2147229	2143949	2137658	2128681	2114339	2085655	2035850	1849579	1050000	21	1	21	22	0	22	B
												Δτ = 3												
A	21	0	21	22	2	20	0	1238	1044	1223	1456	1664	1857	2040	2158	2244	2273	21	21	0	22	20	2	C
A	21	1	21	22	3	20	0	687	1043	1223	1456	1664	1857	2040	2158	2244	2273	21	21	1	22	20	3	C
A	21	1	20	22	3	19	0	4461	3359	3767	4414	5016	5584	6125	6475	6733	6818	21	20	1	22	19	3	C
A	21	2	20	22	4	19	0	1130	3292	3767	4414	5016	5584	6125	6475	6733	6818	21	20	2	22	19	4	C
A	21	2	19	22	4	18	0	2100	8505	7816	8956	10098	11199	12263	12955	13467	13636	21	19	2	22	18	4	C
A	21	3	19	22	5	18	0	883	6533	7807	8956	10098	11199	12263	12955	13467	13636	21	19	3	22	18	5	C
A	21	3	18	22	5	17	0	931	20636	13819	15218	16975	18736	20467	21604	22447	22727	21	18	3	22	17	5	C
A	21	4	18	22	6	17	0	611	8550	13555	15218	16975	18736	20467	21604	22447	22727	21	18	4	22	17	6	C
A	21	4	17	22	6	16	0	612	16239	25377	23442	25759	28248	30760	32429	33676	34091	21	17	4	22	16	6	C
A	21	5	17	22	7	16	0	445	7674	20232	23433	25759	28248	30760	32429	33676	34091	21	17	5	22	16	7	C
A	21	5	16	22	7	15	0	445	8446	49089	34131	36632	39822	43179	45448	47157	47727	21	16	5	22	15	7	C
A	21	6	16	22	8	15	0	340	5997	23650	33922	36631	39822	43179	45448	47157	47727	21	16	6	22	15	8	C
A	21	6	15	22	8	14	0	340	6032	39398	50307	49917	53596	57781	60684	62895	63636	21	15	6	22	14	8	C
A	21	7	15	22	9	14	0	269	4711	21389	46144	49903	53596	57781	60684	62895	63636	21	15	7	22	14	9	C
A	21	7	14	22	9	13	0	269	4713	23119	87856	66260	69804	74658	78177	80899	81818	21	14	7	22	13	9	C
A	21	8	14	22	10	13	0	218	3794	17435	54862	66005	69803	74658	78177	80899	81818	21	14	8	22	13	10	C
A	21	8	13	22	10	12	0	218	3794	17527	99858	89051	88849	93963	97990	101184	102273	21	13	8	22	12	10	C
A	21	9	13	22	11	12	0	179	3111	14181	53066	84335	88834	93963	97990	101184	102273	21	13	9	22	12	11	C
A	21	9	12	22	11	11	0	179	3111	14186	61640	140565	111522	115946	120225	123772	125000	21	12	9	22	11	11	C
A	21	10	12	22	12	11	0	149	2581	11691	44979	97980	111259	115946	120225	123772	125000	21	12	10	22	11	12	C
A	21	10	11	22	12	10	0	149	2581	11691	45535	172338	141274	141042	145053	148704	150000	21	11	10	22	10	12	C

J K_{-1} K_{+1} — J K_{-1} K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
A 21 11 11 22 13 10	0	124	2154	9723	37102	95685	136572	141036	145053	148704	150000	21 11 11 22 10 13 C
A 21 11 10 22 13 9	0	124	2154	9723	37133	113105	205719	170062	172768	176043	177273	21 10 11 22 9 13 C
A 21 12 10 22 14 9	0	104	1801	8111	30702	81900	156248	169943	172767	176043	177273	21 10 12 22 9 14 C
A 21 12 9 22 14 8	0	104	1801	8111	30704	83115	266592	205236	203896	205907	206818	21 9 12 22 8 14 C
A 21 13 9 22 15 8	0	87	1501	6754	25435	67458	153103	203063	203891	205907	206818	21 9 13 22 8 15 C
A 21 13 8 22 15 7	0	87	1501	6754	25435	67525	184586	266792	239458	238511	238636	21 8 13 22 7 15 C
A 21 14 8 22 16 7	0	72	1242	5583	20962	55191	130510	233887	239332	238511	238636	21 8 14 22 7 16 C
A 21 14 7 22 16 6	0	72	1242	5583	20962	55194	132785	385832	282318	274271	272727	21 7 14 22 6 16 C
A 21 15 7 22 17 6	0	59	1014	4554	17064	44721	105394	237308	279699	274270	272727	21 7 15 22 6 17 C
A 21 15 6 22 17 5	0	59	1014	4554	17064	44721	105510	319455	358968	314068	309091	21 6 15 22 5 17 C
A 21 16 6 22 18 5	0	47	809	3633	13596	35534	83215	202557	315571	314042	309091	21 6 16 22 5 18 C
A 21 16 5 22 18 4	0	47	809	3633	13596	35534	83220	210357	512277	360214	347727	21 5 16 22 4 18 C
A 21 17 5 22 19 4	0	36	623	2796	10458	27287	63651	155710	307680	359256	347727	21 5 17 22 4 19 C
A 21 17 4 22 19 3	0	36	623	2796	10458	27287	63651	156045	405987	429886	388636	21 4 17 22 3 19 C
A 21 18 4 22 20 3	0	26	451	2027	7577	19751	45970	111895	240368	403733	388636	21 4 18 22 3 20 C
A 21 18 3 22 20 2	0	26	451	2027	7577	19751	45970	111907	247589	634266	431818	21 3 18 22 2 20 C
A 21 19 3 22 21 2	0	17	292	1311	4899	12765	29675	72007	155936	383113	431818	21 3 19 22 2 21 C
A 21 19 2 22 21 1	0	17	292	1311	4899	12765	29675	72007	156140	574745	477273	21 2 19 22 1 21 C
A 21 20 2 22 22 1	0	8	142	638	2384	6210	14431	34970	75613	220903	477273	21 2 20 22 1 22 C
A 21 20 1 22 22 0	0	8	142	638	2384	6210	14431	34970	75616	232835	1050000	21 1 20 22 0 22 C
						$\Delta\tau$ = 4						
B 21 0 21 22 3 20	0	25488	10373	6096	4153	3325	2856	2550	2397	2302	2273	21 21 0 22 20 3 B
B 21 1 20 22 4 19	0	21907	32101	18649	12550	10003	8575	7650	7192	6905	6818	21 20 1 22 19 4 B
B 21 2 19 22 5 18	0	4172	58746	38080	25297	20061	17161	15298	14381	13809	13636	21 19 2 22 18 5 B
B 21 3 18 22 6 17	0	1131	50057	63969	42504	33521	28613	25489	23963	23014	22727	21 18 3 22 17 6 B
B 21 4 17 22 7 16	0	501	15695	85792	64219	50388	42916	38211	35928	34516	34091	21 17 4 22 16 7 B
B 21 5 16 22 8 15	0	259	5310	63770	89827	70624	60038	53439	50265	48313	47727	21 16 5 22 15 8 B
B 21 6 15 22 9 14	0	146	2753	22101	112577	94043	79903	71134	66953	64399	63636	21 15 6 22 14 9 B
B 21 7 14 22 10 13	0	87	1616	8837	99385	119685	102353	91223	85957	82766	81818	21 14 7 22 13 10 B
B 21 8 13 22 11 12	0	55	998	5042	43229	140825	127016	113581	107221	103400	102273	21 13 8 22 12 11 B
B 21 9 12 22 12 11	0	35	637	3144	16520	124991	152687	137976	130647	126278	125000	21 12 9 22 11 12 B
B 21 10 11 22 13 10	0	23	415	2021	9186	58022	172799	163953	156069	151361	150000	21 11 10 22 10 13 B
B 21 11 10 22 14 9	0	15	273	1319	5784	22212	154833	190417	183183	178584	177273	21 10 11 22 9 14 B
B 21 12 9 22 15 8	0	10	180	863	3715	12137	75014	213049	211394	207828	206818	21 9 12 22 8 15 B
B 21 13 8 22 16 7	0	6	117	561	2386	7513	27705	207763	239311	238868	238636	21 8 13 22 7 16 B
B 21 14 7 22 17 6	0	4	75	358	1510	4661	14286	121681	261705	271250	272727	21 7 14 22 6 17 B
B 21 15 6 22 18 5	0	3	46	221	926	2822	8311	40989	248207	303918	309091	21 6 15 22 5 18 B
B 21 16 5 22 19 4	0	1	27	129	538	1624	4683	16996	132241	333429	347727	21 5 16 22 4 19 B
B 21 17 4 22 20 3	0	1	14	68	285	854	2428	8282	37065	336510	388636	21 4 17 22 3 20 B
B 21 18 3 22 21 2	0	0	6	30	127	379	1066	3539	11828	199669	431818	21 3 18 22 2 21 B
B 21 19 2 22 22 1	0	0	2	9	38	113	316	1031	3262	32901	477273	21 2 19 22 1 22 B
						$\Delta\tau$ = 5						
C 21 0 21 22 3 19	0	13847	627	185	60	23	9	2	0	0	0	21 21 0 22 19 3 A
C 21 1 21 22 4 19	0	1981	614	185	60	23	9	2	0	0	0	21 21 1 22 19 4 A
C 21 1 20 22 4 18	0	20422	3846	865	268	103	37	10	2	0	0	21 20 1 22 18 4 A
C 21 2 20 22 5 18	0	2121	2877	864	268	103	37	10	2	0	0	21 20 2 22 18 5 A
C 21 2 19 22 5 17	0	4069	21123	2635	757	283	102	27	6	0	0	21 19 2 22 17 5 A
C 21 3 19 22 6 17	0	1045	6368	2580	756	283	102	27	6	0	0	21 19 3 22 17 6 A
C 21 3 18 22 6 16	0	1103	39104	7751	1741	632	225	58	13	1	0	21 18 3 22 16 6 A
C 21 4 18 22 7 16	0	488	6730	5985	1741	632	225	58	13	1	0	21 18 4 22 16 7 A
C 21 4 17 22 7 15	0	489	14119	27891	3611	1251	437	112	25	1	0	21 17 4 22 15 7 A
C 21 5 17 22 8 15	0	253	4332	9734	3587	1251	437	112	25	1	0	21 17 5 22 15 8 A
C 21 5 16 22 8 14	0	253	4793	44014	7492	2302	785	199	44	3	0	21 16 5 22 14 8 A
C 21 6 16 22 9 14	0	142	2466	9589	6786	2302	785	199	44	3	0	21 16 6 22 14 9 A
C 21 6 15 22 9 13	0	142	2481	17750	20200	4078	1339	335	73	4	0	21 15 6 22 13 9 A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓ 1.0	$\mp .95$	$\mp .8$	$\mp .6$	$\mp .3$	κ 0	$\pm .3$	$\pm .6$	$\pm .8$	$\pm .95$	± 1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	21	7	15	22	10	13	0	85	1455	6537	10771	4060	1339	335	73	4	0	21	15	7	22	13	10	A
C	21	7	14	22	10	12	0	85	1455	7113	45323	7351	2214	544	118	7	0	21	14	7	22	12	10	A
C	21	8	14	22	11	12	0	53	899	4023	11953	6899	2214	544	118	7	0	21	14	8	22	12	11	A
C	21	8	13	22	11	11	0	53	899	4045	27794	16891	3613	861	186	11	0	21	13	8	22	11	11	A
C	21	9	13	22	12	11	0	34	573	2518	9154	10431	3603	861	186	11	0	21	13	9	22	11	12	A
C	21	9	12	22	12	10	0	34	573	2519	10877	39190	6021	1344	287	16	0	21	12	9	22	10	12	A
C	21	10	12	22	13	10	0	22	373	1618	5929	11726	5784	1344	287	16	0	21	12	10	22	10	13	A
C	21	10	11	22	13	9	0	22	373	1618	6011	28363	12366	2096	440	25	0	21	11	10	22	9	13	A
C	21	11	11	22	14	9	0	15	246	1055	3769	9238	8575	2094	440	25	0	21	11	11	22	9	14	A
C	21	11	10	22	14	8	0	15	246	1055	3772	11306	29587	3320	675	38	0	21	10	11	22	8	14	A
C	21	12	10	22	15	8	0	10	162	691	2419	6024	9808	3279	675	38	0	21	10	12	22	8	15	A
C	21	12	9	22	15	7	0	10	162	691	2419	6126	25132	5902	1046	58	0	21	9	12	22	7	15	A
C	21	13	9	22	16	7	0	6	105	449	1553	3770	7805	4997	1045	58	0	21	9	13	22	7	16	A
C	21	13	8	22	16	6	0	6	105	449	1553	3774	9904	14530	1667	91	0	21	8	13	22	6	16	A
C	21	14	8	22	17	6	0	4	67	287	982	2336	4955	6327	1649	91	0	21	8	14	22	6	17	A
C	21	14	7	22	17	5	0	4	67	287	982	2336	5058	20432	3016	145	0	21	7	14	22	5	17	A
C	21	15	7	22	18	5	0	2	42	177	602	1413	2921	5428	2562	145	0	21	7	15	22	5	18	A
C	21	15	6	22	18	4	0	2	42	177	602	1413	2924	8352	7853	243	0	21	6	15	22	4	18	A
C	21	16	6	22	19	4	0	1	24	103	350	813	1643	3287	3227	243	0	21	6	16	22	4	19	A
C	21	16	5	22	19	3	0	1	24	103	350	813	1643	3446	10995	454	0	21	5	16	22	3	19	A
C	21	17	5	22	20	3	0	1	13	55	185	427	851	1661	2479	422	0	21	5	17	22	3	20	A
C	21	17	4	22	20	2	0	1	13	55	185	427	851	1665	3758	1302	0	21	4	17	22	2	20	A
C	21	18	4	22	21	2	0	0	6	24	82	189	373	709	1148	621	0	21	4	18	22	2	21	A
C	21	18	3	22	21	1	0	0	6	24	82	189	373	709	1192	3168	0	21	3	18	22	1	21	A
C	21	19	3	22	22	1	0	0	2	7	25	57	111	206	326	395	0	21	3	19	22	1	22	A
C	21	19	2	22	22	0	0	0	2	7	25	57	111	206	327	813	0	21	2	19	22	0	22	A
												$\Delta\tau = 6$												
B	21	1	21	22	4	18	0	1913	90	13	3	1	0	0	0	0	0	21	21	1	22	18	4	B
B	21	2	20	22	5	17	0	2168	1228	92	19	6	2	0	0	0	0	21	20	2	22	17	5	B
B	21	3	19	22	6	16	0	1071	5833	473	72	21	7	2	0	0	0	21	19	3	22	16	6	B
B	21	4	18	22	7	15	0	500	7307	2837	226	62	19	4	1	0	0	21	18	4	22	15	7	B
B	21	5	17	22	8	14	0	259	4795	9680	677	160	46	10	2	0	0	21	17	5	22	14	8	B
B	21	6	16	22	9	13	0	146	2737	11570	2647	386	106	23	5	0	0	21	16	6	22	13	9	B
B	21	7	15	22	10	12	0	87	1615	8109	10292	942	230	49	10	1	0	21	15	7	22	12	10	B
B	21	8	14	22	11	11	0	55	998	5014	16780	2987	493	101	20	1	0	21	14	8	22	11	11	B
B	21	9	13	22	12	10	0	35	637	3143	13813	11251	1085	204	40	2	0	21	13	9	22	10	12	B
B	21	10	12	22	13	9	0	23	415	2021	9059	20535	3015	413	80	4	0	21	12	10	22	9	13	B
B	21	11	11	22	14	8	0	15	273	1319	5779	17954	11255	858	158	8	0	21	11	11	22	8	14	B
B	21	12	10	22	15	7	0	10	180	863	3715	11927	23373	2050	322	17	0	21	10	12	22	7	15	B
B	21	13	9	22	16	6	0	6	117	561	2386	7504	21473	7373	687	35	0	21	9	13	22	6	16	B
B	21	14	8	22	17	5	0	4	75	358	1510	4661	13985	22211	1724	76	0	21	8	14	22	5	17	B
B	21	15	7	22	18	4	0	3	46	221	926	2822	8300	25436	6857	181	0	21	7	15	22	4	18	B
B	21	16	6	22	19	3	0	1	27	129	538	1624	4683	16179	22587	501	0	21	6	16	22	3	19	B
B	21	17	5	22	20	2	0	1	14	68	285	854	2428	8260	23494	2352	0	21	5	17	22	2	20	B
B	21	18	4	22	21	1	0	0	6	30	127	379	1066	3539	11370	13645	0	21	4	18	22	1	21	B
B	21	19	3	22	22	0	0	0	2	9	38	113	316	1031	3257	14956	0	21	3	19	22	0	22	B
												$\Delta\tau = 7$												
A	21	0	21	22	4	18	0	45	9	3	1	0	0	0	0	0	0	21	21	0	22	18	4	C
A	21	1	21	22	5	18	0	2	7	3	1	0	0	0	0	0	0	21	21	1	22	18	5	C
A	21	1	20	22	5	17	0	27	123	18	7	3	1	0	0	0	0	21	20	1	22	17	5	C
A	21	2	20	22	6	17	0	2	35	18	7	3	1	0	0	0	0	21	20	2	22	17	6	C
A	21	2	19	22	6	16	0	3	553	95	25	11	4	1	0	0	0	21	19	2	22	16	6	C
A	21	3	19	22	7	16	0	1	64	73	25	11	4	1	0	0	0	21	19	3	22	16	7	C
A	21	3	18	22	7	15	0	1	455	565	79	31	12	3	1	0	0	21	18	3	22	15	7	C
A	21	4	18	22	8	15	0	0	48	187	79	31	12	3	1	0	0	21	18	4	22	15	8	C

J K_{-1} K_{+1} – J K_{-1} K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} – J K_{-1} K_{+1}
A 21 4 17 22 8 14	0	0	102	1803	237	80	30	8	2	0	0	21 17 4 22 14 8 C
A 21 5 17 22 9 14	0	0	22	257	214	80	30	8	2	0	0	21 17 5 22 14 9 C
A 21 5 16 22 9 13	0	0	25	1375	926	193	69	19	4	0	0	21 16 5 22 13 9 C
A 21 6 16 22 10 13	0	0	9	189	481	192	69	19	4	0	0	21 16 6 22 13 10 C
A 21 6 15 22 10 12	0	0	10	356	3486	471	150	40	9	1	0	21 15 6 22 12 10 C
A 21 7 15 22 11 12	0	0	4	96	722	442	150	40	9	1	0	21 15 7 22 12 11 C
A 21 7 14 22 11 11	0	0	4	105	4323	1494	321	81	18	1	0	21 14 7 22 11 11 C
A 21 8 14 22 12 11	0	0	2	45	631	905	320	81	18	1	0	21 14 8 22 11 12 C
A 21 8 13 22 12 10	0	0	2	46	1537	5489	706	163	36	2	0	21 13 8 22 10 12 C
A 21 9 13 22 13 10	0	0	1	22	364	1345	677	163	36	2	0	21 13 9 22 10 13 C
A 21 9 12 22 13 9	0	0	1	22	434	7918	1962	330	72	4	0	21 12 9 22 9 13 C
A 21 10 12 22 14 9	0	0	1	11	179	1215	1341	330	72	4	0	21 12 10 22 9 14 C
A 21 10 11 22 14 8	0	0	1	11	182	3150	7195	687	142	8	0	21 11 10 22 8 14 C
A 21 11 11 22 15 8	0	0	0	6	88	717	2027	678	142	8	0	21 11 11 22 8 15 C
A 21 11 10 22 15 7	0	0	0	6	88	881	12254	1642	290	17	0	21 10 11 22 7 15 C
A 21 12 10 22 16 7	0	0	0	3	43	350	1880	1384	289	17	0	21 10 12 22 7 16 C
A 21 12 9 22 16 6	0	0	0	3	43	356	5327	5880	619	34	0	21 9 12 22 6 16 C
A 21 13 9 22 17 6	0	0	0	1	21	164	1092	2379	612	34	0	21 9 13 22 6 17 C
A 21 13 8 22 17 5	0	0	0	1	21	164	1396	16092	1553	74	0	21 8 13 22 5 17 C
A 21 14 8 22 18 5	0	0	0	1	10	75	496	2569	1314	74	0	21 8 14 22 5 18 C
A 21 14 7 22 18 4	0	0	0	1	10	75	507	10493	6153	176	0	21 7 14 22 4 18 C
A 21 15 7 22 19 4	0	0	0	0	5	33	205	1532	2347	176	0	21 7 15 22 4 19 C
A 21 15 6 22 19 3	0	0	0	0	5	33	206	2408	18380	489	0	21 6 15 22 3 19 C
A 21 16 6 22 20 3	0	0	0	0	2	13	77	594	2349	454	0	21 6 16 22 3 20 C
A 21 16 5 22 20 2	0	0	0	0	2	13	77	623	10242	2293	0	21 5 16 22 2 20 C
A 21 17 5 22 21 2	0	0	0	0	1	4	24	174	1040	1067	0	21 5 17 22 2 21 C
A 21 17 4 22 21 1	0	0	0	0	1	4	24	175	1606	12851	0	21 4 17 22 1 21 C
A 21 18 4 22 22 1	0	0	0	0	0	1	5	33	204	1073	0	21 4 18 22 1 22 C
A 21 18 3 22 22 0	0	0	0	0	0	1	5	33	212	8966	0	21 3 18 22 0 22 C
						Δτ = 8						
B 21 0 21 22 5 18	0	93	67	13	3	1	0	0	0	0	0	21 21 0 22 18 5 B
B 21 1 20 22 6 17	0	33	352	90	19	6	2	0	0	0	0	21 20 1 22 17 6 B
B 21 2 19 22 7 16	0	3	600	364	72	21	7	2	0	0	0	21 19 2 22 16 7 B
B 21 3 18 22 8 15	0	0	297	926	225	62	19	4	1	0	0	21 18 3 22 15 8 B
B 21 4 17 22 9 14	0	0	47	1186	612	160	46	10	2	0	0	21 17 4 22 14 9 B
B 21 5 16 22 10 13	0	0	9	558	1369	384	106	23	5	0	0	21 16 5 22 13 10 B
B 21 6 15 22 11 12	0	0	3	105	1970	882	230	49	10	1	0	21 15 6 22 12 11 B
B 21 7 14 22 12 11	0	0	1	24	1306	1801	492	101	20	1	0	21 14 7 22 11 12 B
B 21 8 13 22 13 10	0	0	0	8	328	2583	1041	204	40	2	0	21 13 8 22 10 13 B
B 21 9 12 22 14 9	0	0	0	3	70	1835	2055	412	80	4	0	21 12 9 22 9 14 B
B 21 10 11 22 15 8	0	0	0	1	23	496	3018	847	158	8	0	21 11 10 22 8 15 B
B 21 11 10 22 16 7	0	0	0	0	8	103	2276	1726	321	17	0	21 10 11 22 7 16 B
B 21 12 9 22 17 6	0	0	0	0	3	31	631	2932	679	35	0	21 9 12 22 6 17 B
B 21 13 8 22 18 5	0	0	0	0	1	11	116	2839	1458	76	0	21 8 13 22 5 18 B
B 21 14 7 22 19 4	0	0	0	0	0	3	30	968	2577	180	0	21 7 14 22 4 19 B
B 21 15 6 22 20 3	0	0	0	0	0	1	8	137	2312	466	0	21 6 15 22 3 20 B
B 21 16 5 22 21 2	0	0	0	0	0	0	2	20	551	1092	0	21 5 16 22 2 21 B
B 21 17 4 22 22 1	0	0	0	0	0	0	0	3	35	1054	0	21 4 17 22 1 22 B
						Δτ = 9						
C 21 0 21 22 5 17	0	90	23	1	0	0	0	0	0	0	0	21 21 0 22 17 5 A
C 21 1 21 22 6 17	0	3	7	1	0	0	0	0	0	0	0	21 21 1 22 17 6 A
C 21 1 20 22 6 16	0	32	263	11	1	0	0	0	0	0	0	21 20 1 22 16 6 A
C 21 2 20 22 7 16	0	1	29	8	1	0	0	0	0	0	0	21 20 2 22 16 7 A
C 21 2 19 22 7 15	0	3	531	111	4	1	0	0	0	0	0	21 19 2 22 15 7 A
C 21 3 19 22 8 15	0	0	37	36	4	1	0	0	0	0	0	21 19 3 22 15 8 A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	21	3	18	22	8	14	0	0	267	595	18	2	0	0	0	0	0	21	18	3	22	14	8	A
C	21	4	18	22	9	14	0	0	20	79	16	2	0	0	0	0	0	21	18	4	22	14	9	A
C	21	4	17	22	9	13	0	0	42	925	102	7	1	0	0	0	0	21	17	4	22	13	9	A
C	21	5	17	22	10	13	0	0	7	82	53	7	1	0	0	0	0	21	17	5	22	13	10	A
C	21	5	16	22	10	12	0	0	8	446	560	22	2	0	0	0	0	21	16	5	22	12	10	A
C	21	6	16	22	11	12	0	0	2	45	112	21	2	0	0	0	0	21	16	6	22	12	11	A
C	21	6	15	22	11	11	0	0	2	84	1190	96	6	0	0	0	0	21	15	6	22	11	11	A
C	21	7	15	22	12	11	0	0	1	17	132	58	6	0	0	0	0	21	15	7	22	11	12	A
C	21	7	14	22	12	10	0	0	1	19	843	494	18	1	0	0	0	21	14	7	22	10	12	A
C	21	8	14	22	13	10	0	0	0	6	87	118	17	1	0	0	0	21	14	8	22	10	13	A
C	21	8	13	22	13	9	0	0	0	6	213	1158	67	3	0	0	0	21	13	8	22	9	13	A
C	21	9	13	22	14	9	0	0	0	2	38	141	46	3	0	0	0	21	13	9	22	9	14	A
C	21	9	12	22	14	8	0	0	0	2	45	907	337	7	0	0	0	21	12	9	22	8	14	A
C	21	10	12	22	15	8	0	0	0	1	14	95	93	7	0	0	0	21	12	10	22	8	15	A
C	21	10	11	22	15	7	0	0	0	1	15	248	905	21	1	0	0	21	11	10	22	7	15	A
C	21	11	11	22	16	7	0	0	0	0	5	42	114	18	1	0	0	21	11	11	22	7	16	A
C	21	11	10	22	16	6	0	0	0	0	5	51	784	103	2	0	0	21	10	11	22	6	16	A
C	21	12	10	22	17	6	0	0	0	0	2	15	77	42	2	0	0	21	10	12	22	6	17	A
C	21	12	9	22	17	5	0	0	0	0	2	15	221	423	7	0	0	21	9	12	22	5	17	A
C	21	13	9	22	18	5	0	0	0	0	1	5	32	61	6	0	0	21	9	13	22	5	18	A
C	21	13	8	22	18	4	0	0	0	0	1	5	41	546	39	0	0	21	8	13	22	4	18	A
C	21	14	8	22	19	4	0	0	0	0	0	2	10	46	15	0	0	21	8	14	22	4	19	A
C	21	14	7	22	19	3	0	0	0	0	0	2	10	193	185	0	0	21	7	14	22	3	19	A
C	21	15	7	22	20	3	0	0	0	0	0	1	3	17	21	0	0	21	7	15	22	3	20	A
C	21	15	6	22	20	2	0	0	0	0	0	1	3	27	223	2	0	21	6	15	22	2	20	A
C	21	16	6	22	21	2	0	0	0	0	0	0	1	4	12	1	0	21	6	16	22	2	21	A
C	21	16	5	22	21	1	0	0	0	0	0	0	1	4	55	15	0	21	5	16	22	1	21	A
C	21	17	5	22	22	1	0	0	0	0	0	0	0	1	2	1	0	21	5	17	22	1	22	A
C	21	17	4	22	22	0	0	0	0	0	0	0	0	1	4	25	0	21	4	17	22	0	22	A
												$\Delta\tau$ = 10												
B	21	1	21	22	6	16	0	3	6	0	0	0	0	0	0	0	0	21	21	1	22	16	6	B
B	21	2	20	22	7	15	0	1	31	4	0	0	0	0	0	0	0	21	20	2	22	15	7	B
B	21	3	19	22	8	14	0	0	41	37	1	0	0	0	0	0	0	21	19	3	22	14	8	B
B	21	4	18	22	9	13	0	0	22	96	6	0	0	0	0	0	0	21	18	4	22	13	9	B
B	21	5	17	22	10	12	0	0	8	102	51	2	0	0	0	0	0	21	17	5	22	12	10	B
B	21	6	16	22	11	11	0	0	3	56	160	9	0	0	0	0	0	21	16	6	22	11	11	B
B	21	7	15	22	12	10	0	0	1	22	202	64	2	0	0	0	0	21	15	7	22	10	12	B
B	21	8	14	22	13	9	0	0	0	8	134	210	9	0	0	0	0	21	14	8	22	9	13	B
B	21	9	13	22	14	8	0	0	0	3	59	277	61	1	0	0	0	21	13	9	22	8	14	B
B	21	10	12	22	15	7	0	0	0	1	22	189	227	4	0	0	0	21	12	10	22	7	15	B
B	21	11	11	22	16	6	0	0	0	0	8	83	319	27	0	0	0	21	11	11	22	6	16	B
B	21	12	10	22	17	5	0	0	0	0	3	30	219	149	2	0	0	21	10	12	22	5	17	B
B	21	13	9	22	18	4	0	0	0	0	1	11	91	293	16	0	0	21	9	13	22	4	18	B
B	21	14	8	22	19	3	0	0	0	0	0	3	29	228	107	0	0	21	8	14	22	3	19	B
B	21	15	7	22	20	2	0	0	0	0	0	1	8	87	206	1	0	21	7	15	22	2	20	B
B	21	16	6	22	21	1	0	0	0	0	0	0	2	20	122	17	0	21	6	16	22	1	21	B
B	21	17	5	22	22	0	0	0	0	0	0	0	0	3	23	46	0	21	5	17	22	0	22	B
												$\Delta\tau$ = 11												
A	21	0	21	22	6	16	0	0	1	0	0	0	0	0	0	0	0	21	21	0	22	16	6	C
A	21	1	20	22	7	15	0	0	3	1	0	0	0	0	0	0	0	21	20	1	22	15	7	C
A	21	2	19	22	8	14	0	0	4	7	0	0	0	0	0	0	0	21	19	2	22	14	8	C
A	21	3	19	22	9	14	0	0	0	1	0	0	0	0	0	0	0	21	19	3	22	14	9	C
A	21	3	18	22	9	13	0	0	1	19	2	0	0	0	0	0	0	21	18	3	22	13	9	C
A	21	4	18	22	10	13	0	0	0	2	1	0	0	0	0	0	0	21	18	4	22	13	10	C
A	21	4	17	22	10	12	0	0	0	19	18	1	0	0	0	0	0	21	17	4	22	12	10	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	21	5	17	22	11	12	0	0	0	1	4	1	0	0	0	0	0	21	17	5	22	12	11	C
A	21	5	16	22	11	11	0	0	0	7	56	5	0	0	0	0	0	21	16	5	22	11	11	C
A	21	6	16	22	12	11	0	0	0	1	6	3	0	0	0	0	0	21	16	6	22	11	12	C
A	21	6	15	22	12	10	0	0	0	1	68	32	1	0	0	0	0	21	15	6	22	10	12	C
A	21	7	15	22	13	10	0	0	0	0	5	8	1	0	0	0	0	21	15	7	22	10	13	C
A	21	7	14	22	13	9	0	0	0	0	34	105	6	0	0	0	0	21	14	7	22	9	13	C
A	21	8	14	22	14	9	0	0	0	0	3	12	4	0	0	0	0	21	14	8	22	9	14	C
A	21	8	13	22	14	8	0	0	0	0	6	134	40	1	0	0	0	21	13	8	22	8	14	C
A	21	9	13	22	15	8	0	0	0	0	1	11	11	1	0	0	0	21	13	9	22	8	15	C
A	21	9	12	22	15	7	0	0	0	0	1	72	147	3	0	0	0	21	12	9	22	7	15	C
A	21	10	12	22	16	7	0	0	0	0	0	6	18	3	0	0	0	21	12	10	22	7	16	C
A	21	10	11	22	16	6	0	0	0	0	0	14	201	21	0	0	0	21	11	10	22	6	16	C
A	21	11	11	22	17	6	0	0	0	0	0	2	16	9	0	0	0	21	11	11	22	6	17	C
A	21	11	10	22	17	5	0	0	0	0	0	2	112	119	2	0	0	21	10	11	22	5	17	C
A	21	12	10	22	18	5	0	0	0	0	0	0	8	17	2	0	0	21	10	12	22	5	18	C
A	21	12	9	22	18	4	0	0	0	0	0	0	22	231	15	0	0	21	9	12	22	4	18	C
A	21	13	9	22	19	4	0	0	0	0	0	0	2	17	6	0	0	21	9	13	22	4	19	C
A	21	13	8	22	19	3	0	0	0	0	0	0	3	162	96	0	0	21	8	13	22	3	19	C
A	21	14	8	22	20	3	0	0	0	0	0	0	0	8	11	0	0	21	8	14	22	3	20	C
A	21	14	7	22	20	2	0	0	0	0	0	0	0	35	183	1	0	21	7	14	22	2	20	C
A	21	15	7	22	21	2	0	0	0	0	0	0	0	2	9	1	0	21	7	15	22	2	21	C
A	21	15	6	22	21	1	0	0	0	0	0	0	0	3	98	16	0	21	6	15	22	1	21	C
A	21	16	6	22	22	1	0	0	0	0	0	0	0	0	2	1	0	21	6	16	22	1	22	C
A	21	16	5	22	22	0	0	0	0	0	0	0	0	0	10	45	0	21	5	16	22	0	22	C
												$\Delta\tau = 12$												
B	21	0	21	22	7	16	0	0	1	0	0	0	0	0	0	0	0	21	21	0	22	16	7	B
B	21	1	20	22	8	15	0	0	2	1	0	0	0	0	0	0	0	21	20	1	22	15	8	B
B	21	2	19	22	9	14	0	0	2	5	1	0	0	0	0	0	0	21	19	2	22	14	9	B
B	21	3	18	22	10	13	0	0	0	8	3	0	0	0	0	0	0	21	18	3	22	13	10	B
B	21	4	17	22	11	12	0	0	0	6	10	1	0	0	0	0	0	21	17	4	22	12	11	B
B	21	5	16	22	12	11	0	0	0	1	17	6	0	0	0	0	0	21	16	5	22	11	12	B
B	21	6	15	22	13	10	0	0	0	0	14	15	2	0	0	0	0	21	15	6	22	10	13	B
B	21	7	14	22	14	9	0	0	0	0	5	25	6	0	0	0	0	21	14	7	22	9	14	B
B	21	8	13	22	15	8	0	0	0	0	1	21	17	1	0	0	0	21	13	8	22	8	15	B
B	21	9	12	22	16	7	0	0	0	0	0	8	28	4	0	0	0	21	12	9	22	7	16	B
B	21	10	11	22	17	6	0	0	0	0	0	1	24	11	0	0	0	21	11	10	22	6	17	B
B	21	11	10	22	18	5	0	0	0	0	0	0	9	21	2	0	0	21	10	11	22	5	18	B
B	21	12	9	22	19	4	0	0	0	0	0	0	1	22	6	0	0	21	9	12	22	4	19	B
B	21	13	8	22	20	3	0	0	0	0	0	0	0	9	12	0	0	21	8	13	22	3	20	B
B	21	14	7	22	21	2	0	0	0	0	0	0	0	1	10	1	0	21	7	14	22	2	21	B
B	21	15	6	22	22	1	0	0	0	0	0	0	0	0	2	1	0	21	6	15	22	1	22	B
												$\Delta\tau = 13$												
C	21	0	21	22	7	15	0	0	1	0	0	0	0	0	0	0	0	21	21	0	22	15	7	A
C	21	1	20	22	8	14	0	0	2	1	0	0	0	0	0	0	0	21	20	1	22	14	8	A
C	21	2	19	22	9	13	0	0	2	4	0	0	0	0	0	0	0	21	19	2	22	13	9	A
C	21	3	18	22	10	12	0	0	0	6	1	0	0	0	0	0	0	21	18	3	22	12	10	A
C	21	4	17	22	11	11	0	0	0	4	6	0	0	0	0	0	0	21	17	4	22	11	11	A
C	21	5	17	22	12	11	0	0	0	0	1	0	0	0	0	0	0	21	17	5	22	11	12	A
C	21	5	16	22	12	10	0	0	0	1	11	2	0	0	0	0	0	21	16	5	22	10	12	A
C	21	6	16	22	13	10	0	0	0	0	1	0	0	0	0	0	0	21	16	6	22	10	13	A
C	21	6	15	22	13	9	0	0	0	0	9	7	0	0	0	0	0	21	15	6	22	9	13	A
C	21	7	15	22	14	9	0	0	0	0	1	1	0	0	0	0	0	21	15	7	22	9	14	A
C	21	7	14	22	14	8	0	0	0	0	4	12	1	0	0	0	0	21	14	7	22	8	14	A
C	21	8	14	22	15	8	0	0	0	0	0	1	0	0	0	0	0	21	14	8	22	8	15	A
C	21	8	13	22	15	7	0	0	0	0	1	11	5	0	0	0	0	21	13	8	22	7	15	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	21	9	13	22	16	7	0	0	0	0	0	1	1	0	0	0	0	21	13	9	22	7	16	A
C	21	9	12	22	16	6	0	0	0	0	0	4	9	0	0	0	0	21	12	9	22	6	16	A
C	21	10	12	22	17	6	0	0	0	0	0	0	1	0	0	0	0	21	12	10	22	6	17	A
C	21	10	11	22	17	5	0	0	0	0	0	1	8	2	0	0	0	21	11	10	22	5	17	A
C	21	11	10	22	18	4	0	0	0	0	0	0	3	4	0	0	0	21	10	11	22	4	18	A
C	21	12	9	22	19	3	0	0	0	0	0	0	0	4	0	0	0	21	9	12	22	3	19	A
C	21	13	8	22	20	2	0	0	0	0	0	0	0	2	1	0	0	21	8	13	22	2	20	A
C	21	14	7	22	21	1	0	0	0	0	0	0	0	0	1	0	0	21	7	14	22	1	21	A
												Δτ = 14												
B	21	5	17	22	12	10	0	0	0	0	1	0	0	0	0	0	0	21	17	5	22	10	12	B
B	21	6	16	22	13	9	0	0	0	0	1	1	0	0	0	0	0	21	16	6	22	9	13	B
B	21	7	15	22	14	8	0	0	0	0	1	2	0	0	0	0	0	21	15	7	22	8	14	B
B	21	8	14	22	15	7	0	0	0	0	0	2	1	0	0	0	0	21	14	8	22	7	15	B
B	21	9	13	22	16	6	0	0	0	0	0	1	2	0	0	0	0	21	13	9	22	6	16	B
B	21	10	12	22	17	5	0	0	0	0	0	0	2	0	0	0	0	21	12	10	22	5	17	B
B	21	11	11	22	18	4	0	0	0	0	0	0	1	1	0	0	0	21	11	11	22	4	18	B
B	21	12	10	22	19	3	0	0	0	0	0	0	0	2	0	0	0	21	10	12	22	3	19	B
B	21	13	9	22	20	2	0	0	0	0	0	0	0	1	0	0	0	21	9	13	22	2	20	B
B	21	14	8	22	21	1	0	0	0	0	0	0	0	0	1	0	0	21	8	14	22	1	21	B
												Δτ = 15												
A	21	6	15	22	14	8	0	0	0	0	0	1	0	0	0	0	0	21	15	6	22	8	14	C
A	21	7	14	22	15	7	0	0	0	0	0	1	0	0	0	0	0	21	14	7	22	7	15	C
A	21	8	13	22	16	6	0	0	0	0	0	1	1	0	0	0	0	21	13	8	22	6	16	C
A	21	9	12	22	17	5	0	0	0	0	0	0	1	0	0	0	0	21	12	9	22	5	17	C
A	21	10	11	22	18	4	0	0	0	0	0	0	1	1	0	0	0	21	11	10	22	4	18	C
A	21	11	10	22	19	3	0	0	0	0	0	0	0	1	0	0	0	21	10	11	22	3	19	C
A	21	12	9	22	20	2	0	0	0	0	0	0	0	1	0	0	0	21	9	12	22	2	20	C
A	21	13	8	22	21	1	0	0	0	0	0	0	0	0	1	0	0	21	8	13	22	1	21	C
J=22			ΔJ = 0																					
												Δτ = 1												
C	22	11	11	22	12	11	831522	813629	758097	678314	536291	448051	836537	1018308	1063485	1075363	1076087	22	11	11	22	11	12	A
A	22	12	11	22	12	10	1280632	1280041	1270358	1233913	1096242	709727	519982	697509	793618	859350	880435	22	11	12	22	10	12	C
C	22	12	10	22	13	10	778162	762870	715538	648208	533037	389201	560381	816448	873677	888432	889328	22	10	12	22	10	13	A
A	22	13	10	22	13	9	1502964	1502478	1494527	1464782	1355657	1077086	560896	701397	820729	899747	924901	22	10	13	22	9	13	C
C	22	13	9	22	14	9	720356	707254	666773	609528	513706	395754	339136	624926	700539	719229	720356	22	9	13	22	9	14	A
A	22	14	9	22	14	8	1743083	1742683	1736138	1711745	1623655	1414701	851557	682370	836995	934348	964921	22	9	14	22	8	14	C
C	22	14	8	22	15	8	658103	646903	612339	563637	483095	388002	270770	434566	543321	567719	569170	22	8	14	22	8	15	A
A	22	15	8	22	15	7	2000988	2000659	1995286	1975304	1903814	1739863	1326867	672275	837663	962335	1000494	22	8	15	22	7	15	C
C	22	15	7	22	16	7	591403	581900	552595	511397	443740	365636	267283	254500	400311	433842	435771	22	7	15	22	7	16	A
A	22	16	7	22	16	6	2276680	2276412	2272036	2255788	2197990	2067806	1764903	896041	814029	982155	1031621	22	7	16	22	6	16	C
C	22	16	6	22	17	6	520257	512304	487790	453378	397104	332921	255103	165599	266582	317472	320158	22	6	16	22	6	17	A
A	22	17	6	22	17	5	2570158	2569943	2566435	2553420	2507289	2404482	2173698	1482206	801218	990538	1058300	22	6	17	22	5	17	C
C	22	17	5	22	18	5	444664	438156	418103	389979	344104	292136	230378	148298	146172	218312	222332	22	5	17	22	5	18	A
A	22	18	5	22	18	4	2881423	2881255	2878515	2868356	2832432	2752894	2577626	2099300	1086522	980114	1080534	22	5	18	22	4	18	C
C	22	18	4	22	19	4	364625	359488	343664	321483	285359	244593	196637	134804	86009	135408	142292	22	4	18	22	4	19	A
A	22	19	4	22	19	3	3210474	3210349	3208300	3200710	3173912	3114822	2985989	2649662	1868655	956753	1098320	22	4	19	22	3	19	C
C	22	19	3	22	20	3	280138	276322	264568	248099	221300	191123	155808	111101	69170	67272	80040	22	3	19	22	3	20	A
A	22	20	3	22	20	2	3557312	3557226	3555811	3550569	3532081	3491420	3403331	3178128	2699791	1209966	1111660	22	3	20	22	2	20	C
C	22	20	2	22	21	2	191206	188677	180890	169982	152240	132286	108995	79747	52841	27935	35573	22	2	20	22	2	21	A
A	22	21	2	22	21	1	3921937	3921886	3921059	3917996	3907197	3883487	3832311	3702887	3438549	2304759	1120553	22	2	21	22	1	21	C
C	22	21	1	22	22	1	97826	96566	92686	87251	78414	68481	56900	42404	29210	13368	8893	22	1	21	22	1	22	A
A	22	22	1	22	22	0	4304348	4304331	4304057	4303040	4299458	4291597	4274649	4231939	4145694	3792517	2250000	22	1	22	22	0	22	C
												Δτ = 2												

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	22	11	12	22	12	11	831522	849599	908143	999025	1177218	1334797	1177218	999025	908143	849599	831522	22	12	11	22	11	12	B
B	22	11	11	22	12	10	831522	849599	908143	999027	1179468	1667715	1313949	1078041	970587	901713	880435	22	11	11	22	10	12	B
B	22	12	11	22	13	10	778162	793624	843725	921313	1072362	1278275	1279178	1078002	970587	901713	880435	22	11	12	22	10	13	B
B	22	12	10	22	13	9	778162	793624	843725	921313	1072503	1331035	1610751	1161604	1032243	950242	924901	22	10	12	22	9	13	B
B	22	13	10	22	14	9	720356	733610	776576	843038	971423	1158447	1329732	1160895	1032242	950242	924901	22	10	13	22	9	14	B
B	22	13	9	22	14	8	720356	733610	776576	843038	971430	1161826	1714127	1259112	1095061	995635	964921	22	9	13	22	8	14	B
B	22	14	9	22	15	8	658103	669437	706192	763017	872280	1030615	1264862	1247656	1095036	995635	964921	22	9	14	22	8	15	B
B	22	14	8	22	15	7	658103	669437	706192	763017	872281	1030822	1343573	1456361	1162581	1038652	1000494	22	8	14	22	7	15	B
B	22	15	8	22	16	7	591403	601023	632226	680459	772963	905883	1120350	1308820	1162015	1038652	1000494	22	8	15	22	7	16	B
B	22	15	7	22	16	6	591403	601023	632226	680459	772963	905894	1125272	1762186	1244737	1080670	1031621	22	7	15	22	6	16	B
B	22	16	7	22	17	6	520257	528309	554433	594814	672151	782702	960915	1260187	1234217	1080668	1031621	22	7	16	22	6	17	B
B	22	16	6	22	17	5	520257	528309	554433	594814	672151	782703	961187	1450350	1430968	1124401	1058300	22	6	16	22	5	17	B
B	22	17	6	22	18	5	444664	451254	472637	505692	568950	659112	803422	1087150	1278924	1124312	1058300	22	6	17	22	5	18	B
B	22	17	5	22	18	4	444664	451254	472637	505692	568950	659113	803434	1101630	1766002	1176627	1080534	22	5	17	22	4	18	B
B	22	18	5	22	19	4	364625	369826	386708	412804	462727	533772	646983	872590	1186635	1173585	1080534	22	5	18	22	4	19	B
B	22	18	4	22	19	3	364625	369826	386708	412804	462727	533772	646983	873222	1390578	1285863	1098320	22	4	18	22	3	19	B
B	22	19	4	22	20	3	280138	284003	296546	315936	353025	405762	489607	655920	932525	1210971	1098320	22	4	19	22	3	20	B
B	22	19	3	22	20	2	280138	284003	296546	315936	353025	405762	489607	655943	945068	1707549	1111660	22	3	19	22	2	20	B
B	22	20	3	22	21	2	191206	193766	202077	214926	239501	274431	329905	439612	625511	1078310	1111660	22	3	20	22	2	21	B
B	22	20	2	22	21	1	191206	193766	202077	214926	239501	274431	329905	439612	625860	1461878	1120553	22	2	20	22	1	21	B
B	22	21	2	22	22	1	97826	99102	103243	109647	121893	139298	166928	221509	313951	612911	1120553	22	2	21	22	1	22	B
B	22	21	1	22	22	0	97826	99102	103243	109647	121893	139298	166928	221509	313957	634168	2250000	22	1	21	22	0	22	B
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A	22	11	11	22	13	10	0	81	1408	6410	25221	99425	493972	697472	793618	859350	880435	22	11	11	22	10	13	C
C	22	12	11	22	13	9	778162	762870	715538	648208	532918	358525	60539	11803	2561	147	0	22	11	12	22	9	13	A
A	22	12	10	22	14	9	0	60	1038	4712	18304	53684	341052	700714	820728	899747	924901	22	10	12	22	9	14	C
C	22	13	10	22	14	8	720356	707254	666773	609528	513699	393502	140592	16269	3476	199	0	22	10	13	22	8	14	A
A	22	13	9	22	15	8	0	44	757	3426	13196	36851	147486	671729	836970	934348	964921	22	9	13	22	8	15	C
C	22	14	9	22	15	7	658103	646903	612339	563637	483095	387856	238049	24891	4786	272	0	22	9	14	22	7	15	A
A	22	14	8	22	16	7	0	31	541	2445	9361	25748	71111	541675	837085	962335	1000494	22	8	14	22	7	16	C
C	22	15	8	22	16	6	591403	581900	552595	511397	443740	365628	264888	55081	6767	380	0	22	8	15	22	6	16	A
A	22	15	7	22	17	6	0	22	376	1696	6466	17604	45173	263861	803380	982154	1031621	22	7	15	22	6	17	C
C	22	16	7	22	17	5	520257	512304	487790	453378	397104	332920	254957	117486	10763	548	0	22	7	16	22	5	17	A
A	22	16	6	22	18	5	0	14	250	1128	4288	11587	29162	100515	651399	990446	1058300	22	6	16	22	5	18	C
C	22	17	6	22	18	4	444664	438156	418103	389979	344104	292136	230370	144279	25749	828	0	22	6	17	22	4	18	A
A	22	17	5	22	19	4	0	9	156	705	2672	7180	17837	51439	297630	976948	1080534	22	5	17	22	4	19	C
C	22	18	5	22	19	3	364625	359488	343664	321483	285359	244593	196637	134593	58474	1392	0	22	5	18	22	3	19	A
A	22	18	4	22	20	3	0	5	88	398	1507	4033	9922	27650	91659	878792	1098320	22	4	18	22	3	20	C
C	22	19	4	22	20	2	280138	276322	264568	248099	221300	191123	155808	111093	67277	3622	0	22	4	19	22	2	20	A
A	22	19	3	22	21	2	0	2	42	188	712	1899	4637	12668	34366	455277	1111660	22	3	19	22	2	21	C
C	22	20	3	22	21	1	191206	188677	180890	169982	152240	132286	108995	79747	52776	11742	0	22	3	20	22	1	21	A
A	22	20	2	22	22	1	0	1	13	60	225	599	1455	3916	10219	74680	1120553	22	2	20	22	1	22	C
C	22	21	2	22	22	0	97826	96566	92686	87251	78414	68481	56900	42404	29209	12502	0	22	2	21	22	0	22	A
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A	22	11	12	22	13	9	0	81	1408	6410	25149	56781	11821	2145	474	28	0	22	12	11	22	9	13	C
C	22	11	11	22	14	9	0	10	161	703	2672	11229	39917	11793	2561	147	0	22	11	11	22	9	14	A
A	22	12	11	22	14	8	0	60	1038	4712	18301	50131	37714	3902	830	49	0	22	11	12	22	8	14	C
C	22	12	10	22	15	8	0	6	93	404	1482	4318	27890	16054	3476	199	0	22	10	12	22	8	15	A
A	22	13	10	22	15	7	0	44	757	3426	13196	36679	70052	8180	1496	86	0	22	10	13	22	7	15	C
C	22	13	9	22	16	7	0	3	53	229	821	2176	9055	20769	4783	272	0	22	9	13	22	7	16	A
A	22	14	9	22	16	6	0	31	541	2445	9361	25740	63915	25788	2847	159	0	22	9	14	22	6	16	C
C	22	14	8	22	17	6	0	2	29	126	444	1130	3006	19293	6690	380	0	22	8	14	22	6	17	A
A	22	15	8	22	17	5	0	22	376	1696	6466	17603	44845	69231	6375	312	0	22	8	15	22	5	17	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	22	15	7	22	18	5	0	1	15	66	230	570	1336	7608	9043	548	0	22	7	15	22	5	18	A
A	22	16	7	22	18	4	0	14	250	1128	4288	11587	29149	75917	22627	665	0	22	7	16	22	4	18	C
C	22	16	6	22	19	4	0	0	8	32	111	269	600	1869	8655	826	0	22	6	16	22	4	19	A
A	22	17	6	22	19	3	0	9	156	705	2672	7180	17836	50313	67350	1668	0	22	6	17	22	3	19	C
C	22	17	5	22	20	3	0	0	3	14	47	114	245	592	2997	1292	0	22	5	17	22	3	20	A
A	22	18	5	22	20	2	0	5	88	398	1507	4033	9922	27617	67259	7088	0	22	5	18	22	2	20	C
C	22	18	4	22	21	2	0	0	1	5	16	39	82	183	494	1626	0	22	4	18	22	2	21	A
A	22	19	4	22	21	1	0	2	42	188	712	1899	4637	12667	33622	37372	0	22	4	19	22	1	21	C
C	22	19	3	22	22	1	0	0	0	1	4	8	17	37	76	570	0	22	3	19	22	1	22	A
A	22	20	3	22	22	0	0	1	13	60	225	599	1455	3916	10209	38513	0	22	3	20	22	0	22	C
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B	22	10	13	22	13	10	0	17	306	1526	7395	17062	7395	1526	306	17	0	22	13	10	22	10	13	B
B	22	10	12	22	13	9	0	17	306	1526	7702	65490	18267	2683	527	29	0	22	12	10	22	9	13	B
B	22	11	12	22	14	9	0	10	179	879	4104	13721	12523	2681	527	29	0	22	12	11	22	9	14	B
B	22	11	11	22	14	8	0	10	179	879	4116	22539	55840	4885	922	50	0	22	11	11	22	8	14	B
B	22	12	11	22	15	8	0	6	104	505	2282	8125	16305	4823	922	50	0	22	11	12	22	8	15	B
B	22	12	10	22	15	7	0	6	104	505	2282	8665	71330	10258	1663	89	0	22	10	12	22	7	15	B
B	22	13	10	22	16	7	0	3	59	286	1263	4339	13577	8649	1662	89	0	22	10	13	22	7	16	B
B	22	13	9	22	16	6	0	3	59	286	1263	4359	25881	32056	3166	164	0	22	9	13	22	6	16	B
B	22	14	9	22	17	6	0	2	33	157	684	2261	7796	13095	3131	164	0	22	9	14	22	6	17	B
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B	22	15	8	22	18	5	0	1	17	82	354	1140	3795	12669	6006	320	0	22	8	15	22	5	18	B
B	22	15	7	22	18	4	0	1	17	82	354	1140	3821	37361	25023	682	0	22	7	15	22	4	18	B
B	22	16	7	22	19	4	0	0	8	40	171	539	1714	7220	9599	680	0	22	7	16	22	4	19	B
B	22	16	6	22	19	3	0	0	8	40	171	539	1715	9367	63979	1712	0	22	6	16	22	3	19	B
B	22	17	6	22	20	3	0	0	4	17	73	227	699	2901	8712	1590	0	22	6	17	22	3	20	B
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B	22	18	4	22	21	1	0	0	1	6	25	78	234	915	4944	36552	0	22	4	18	22	1	21	B
B	22	19	4	22	22	1	0	0	0	1	6	17	50	186	745	3097	0	22	4	19	22	1	22	B
B	22	19	3	22	22	0	0	0	0	1	6	17	50	186	761	21942	0	22	3	19	22	0	22	B
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A	22	10	12	22	14	9	0	0	0	8	152	3742	8036	2143	474	28	0	22	12	10	22	9	14	C
C	22	11	12	22	14	8	0	10	161	703	2664	6736	2041	44	2	0	0	22	12	11	22	8	14	A
A	22	11	11	22	15	8	0	0	0	4	62	884	9762	3852	830	49	0	22	11	11	22	8	15	C
C	22	12	11	22	15	7	0	6	93	404	1482	4046	4846	121	4	0	0	22	11	12	22	7	15	A
A	22	12	10	22	16	7	0	0	0	2	27	252	5526	6885	1495	86	0	22	10	12	22	7	16	C
C	22	13	10	22	16	6	0	3	53	229	821	2167	4640	517	11	0	0	22	10	13	22	6	16	A
A	22	13	9	22	17	6	0	0	0	1	11	95	1290	10157	2816	159	0	22	9	13	22	6	17	C
C	22	14	9	22	17	5	0	2	29	126	444	1130	2716	1876	33	0	0	22	9	14	22	5	17	A
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C	22	15	8	22	18	4	0	1	15	66	230	570	1326	2417	162	0	0	22	8	15	22	4	18	A
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A	22	16	6	22	20	3	0	0	0	0	1	4	28	340	6477	1550	0	22	6	16	22	3	20	C
C	22	17	6	22	20	2	0	0	3	14	47	114	245	580	838	6	0	22	6	17	22	2	20	A
A	22	17	5	22	21	2	0	0	0	0	0	1	7	62	1279	3288	0	22	5	17	22	2	21	C
C	22	18	5	22	21	1	0	0	1	5	16	39	82	183	368	47	0	22	5	18	22	1	21	A
A	22	18	4	22	22	1	0	0	0	0	0	0	1	9	88	2843	0	22	4	18	22	1	22	C
C	22	19	4	22	22	0	0	0	0	1	4	8	17	37	75	74	0	22	4	19	22	0	22	A
												Δτ = 9												
C	22	9	13	22	14	9	0	0	0	2	50	795	324	19	1	0	0	22	13	9	22	9	14	A
A	22	10	13	22	14	8	0	0	0	8	146	878	282	6	0	0	0	22	13	10	22	8	14	C
C	22	10	12	22	15	8	0	0	0	1	12	293	557	43	2	0	0	22	12	10	22	8	15	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	22	11	12	22	15	7	0	0	0	4	62	534	892	22	1	0	0	22	12	11	22	7	15	C
C	22	11	11	22	16	7	0	0	0	0	4	52	550	102	4	0	0	22	11	11	22	7	16	A
A	22	12	11	22	16	6	0	0	0	2	27	236	1082	122	3	0	0	22	11	12	22	6	16	C
C	22	12	10	22	17	6	0	0	0	0	1	11	227	207	11	0	0	22	10	12	22	6	17	A
A	22	13	10	22	17	5	0	0	0	1	11	94	668	597	10	0	0	22	10	13	22	5	17	C
C	22	13	9	22	18	5	0	0	0	0	0	3	38	261	28	0	0	22	9	13	22	5	18	A
A	22	14	9	22	18	4	0	0	0	0	5	36	274	1029	68	0	0	22	9	14	22	4	18	C
C	22	14	8	22	19	4	0	0	0	0	0	1	6	145	61	0	0	22	8	14	22	4	19	A
A	22	15	8	22	19	3	0	0	0	0	2	13	94	719	396	0	0	22	8	15	22	3	19	C
C	22	15	7	22	20	3	0	0	0	0	0	0	1	25	77	1	0	22	7	15	22	3	20	A
A	22	16	7	22	20	2	0	0	0	0	1	4	28	262	681	4	0	22	7	16	22	2	20	C
C	22	16	6	22	21	2	0	0	0	0	0	0	0	2	34	3	0	22	6	16	22	2	21	A
A	22	17	6	22	21	1	0	0	0	0	0	1	7	61	367	56	0	22	6	17	22	1	21	C
C	22	17	5	22	22	1	0	0	0	0	0	0	0	0	3	4	0	22	5	17	22	1	22	A
A	22	18	5	22	22	0	0	0	0	0	0	0	1	9	66	140	0	22	5	18	22	0	22	C
												$\Delta\tau = 10$												
B	22	9	14	22	14	9	0	0	0	3	52	186	52	3	0	0	0	22	14	9	22	9	14	B
B	22	9	13	22	14	8	0	0	0	3	77	1571	433	8	0	0	0	22	13	9	22	8	14	B
B	22	10	13	22	15	8	0	0	0	1	18	139	119	8	0	0	0	22	13	10	22	8	15	B
B	22	10	12	22	15	7	0	0	0	1	19	586	1362	27	1	0	0	22	12	10	22	7	15	B
B	22	11	12	22	16	7	0	0	0	0	6	62	168	23	1	0	0	22	12	11	22	7	16	B
B	22	11	11	22	16	6	0	0	0	0	6	103	1545	153	3	0	0	22	11	11	22	6	16	B
B	22	12	11	22	17	6	0	0	0	0	2	21	129	61	3	0	0	22	11	12	22	6	17	B
B	22	12	10	22	17	5	0	0	0	0	2	22	647	744	11	0	0	22	10	12	22	5	17	B
B	22	13	10	22	18	5	0	0	0	0	1	6	56	106	10	0	0	22	10	13	22	5	18	B
B	22	13	9	22	18	4	0	0	0	0	1	6	108	1254	75	0	0	22	9	13	22	4	18	B
B	22	14	9	22	19	4	0	0	0	0	0	2	16	96	29	0	0	22	9	14	22	4	19	B
B	22	14	8	22	19	3	0	0	0	0	0	2	18	722	440	1	0	22	8	14	22	3	19	B
B	22	15	8	22	20	3	0	0	0	0	0	0	4	41	50	0	0	22	8	15	22	3	20	B
B	22	15	7	22	20	2	0	0	0	0	0	0	4	125	743	5	0	22	7	15	22	2	20	B
B	22	16	7	22	21	2	0	0	0	0	0	0	1	9	37	2	0	22	7	16	22	2	21	B
B	22	16	6	22	21	1	0	0	0	0	0	0	1	11	338	57	0	22	6	16	22	1	21	B
B	22	17	6	22	22	1	0	0	0	0	0	0	0	1	8	5	0	22	6	17	22	1	22	B
B	22	17	5	22	22	0	0	0	0	0	0	0	0	1	28	143	0	22	5	17	22	0	22	B
												$\Delta\tau = 11$												
C	22	9	14	22	14	8	0	0	0	2	34	92	9	0	0	0	0	22	14	9	22	8	14	A
A	22	9	13	22	15	8	0	0	0	0	1	62	77	6	0	0	0	22	13	9	22	8	15	C
C	22	10	13	22	15	7	0	0	0	1	12	69	36	0	0	0	0	22	13	10	22	7	15	A
A	22	10	12	22	16	7	0	0	0	0	0	17	108	18	1	0	0	22	12	10	22	7	16	C
C	22	11	12	22	16	6	0	0	0	0	4	31	58	1	0	0	0	22	12	11	22	6	16	A
A	22	11	11	22	17	6	0	0	0	0	0	2	78	49	3	0	0	22	11	11	22	6	17	C
C	22	12	11	22	17	5	0	0	0	0	1	10	45	9	0	0	0	22	11	12	22	5	17	A
A	22	12	10	22	18	5	0	0	0	0	0	0	23	85	9	0	0	22	10	12	22	5	18	C
C	22	13	10	22	18	4	0	0	0	0	0	3	20	20	0	0	0	22	10	13	22	4	18	A
A	22	13	9	22	19	4	0	0	0	0	0	0	3	75	26	0	0	22	9	13	22	4	19	C
C	22	14	9	22	19	3	0	0	0	0	0	1	6	19	2	0	0	22	9	14	22	3	19	A
A	22	14	8	22	20	3	0	0	0	0	0	0	0	26	45	0	0	22	8	14	22	3	20	C
C	22	15	8	22	20	2	0	0	0	0	0	0	1	8	5	0	0	22	8	15	22	2	20	A
A	22	15	7	22	21	2	0	0	0	0	0	0	0	3	33	2	0	22	7	15	22	2	21	C
C	22	16	7	22	21	1	0	0	0	0	0	0	0	2	4	0	0	22	7	16	22	1	21	A
A	22	16	6	22	22	1	0	0	0	0	0	0	0	0	6	4	0	22	6	16	22	1	22	C
C	22	17	6	22	22	0	0	0	0	0	0	0	0	0	1	0	0	22	6	17	22	0	22	A
												$\Delta\tau = 13$												
C	22	8	14	22	15	8	0	0	0	0	1	7	2	0	0	0	0	22	14	8	22	8	15	A
A	22	9	14	22	15	7	0	0	0	0	1	7	4	0	0	0	0	22	14	9	22	7	15	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	22	9	13	22	16	7	0	0	0	0	0	4	4	0	0	0	0	22	13	9	22	7	16	A
A	22	10	13	22	16	6	0	0	0	0	0	4	8	0	0	0	0	22	13	10	22	6	16	C
C	22	10	12	22	17	6	0	0	0	0	0	1	4	1	0	0	0	22	12	10	22	6	17	A
A	22	11	12	22	17	5	0	0	0	0	0	1	8	2	0	0	0	22	12	11	22	5	17	C
C	22	11	11	22	18	5	0	0	0	0	0	0	2	1	0	0	0	22	11	11	22	5	18	A
A	22	12	11	22	18	4	0	0	0	0	0	0	5	5	0	0	0	22	11	12	22	4	18	C
C	22	12	10	22	19	4	0	0	0	0	0	0	0	2	0	0	0	22	10	12	22	4	19	A
A	22	13	10	22	19	3	0	0	0	0	0	0	1	6	1	0	0	22	10	13	22	3	19	C
C	22	13	9	22	20	3	0	0	0	0	0	0	0	1	0	0	0	22	9	13	22	3	20	A
A	22	14	9	22	20	2	0	0	0	0	0	0	0	3	2	0	0	22	9	14	22	2	20	C
A	22	15	8	22	21	1	0	0	0	0	0	0	0	1	2	0	0	22	8	15	22	1	21	C
A	22	16	7	22	22	0	0	0	0	0	0	0	0	0	1	0	0	22	7	16	22	0	22	C
												Δτ = 14												
B	22	8	15	22	15	8	0	0	0	0	0	1	0	0	0	0	0	22	15	8	22	8	15	B
B	22	8	14	22	15	7	0	0	0	0	1	14	6	0	0	0	0	22	14	8	22	7	15	B
B	22	9	14	22	16	7	0	0	0	0	0	1	1	0	0	0	0	22	14	9	22	7	16	B
B	22	9	13	22	16	6	0	0	0	0	0	7	12	0	0	0	0	22	13	9	22	6	16	B
B	22	10	13	22	17	6	0	0	0	0	0	0	1	0	0	0	0	22	13	10	22	6	17	B
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B	22	11	12	22	18	5	0	0	0	0	0	0	1	0	0	0	0	22	12	11	22	5	18	B
B	22	11	11	22	18	4	0	0	0	0	0	0	6	6	0	0	0	22	11	11	22	4	18	B
B	22	12	10	22	19	3	0	0	0	0	0	0	1	8	1	0	0	22	10	12	22	3	19	B
B	22	13	9	22	20	2	0	0	0	0	0	0	0	4	2	0	0	22	9	13	22	2	20	B
B	22	14	8	22	21	1	0	0	0	0	0	0	0	1	2	0	0	22	8	14	22	1	21	B
B	22	15	7	22	22	0	0	0	0	0	0	0	0	0	1	0	0	22	7	15	22	0	22	B
												Δτ = 15												
C	22	8	15	22	15	7	0	0	0	0	0	1	0	0	0	0	0	22	15	8	22	7	15	A
A	22	9	13	22	17	6	0	0	0	0	0	0	1	0	0	0	0	22	13	9	22	6	17	C
J=22			ΔJ = 1																					
												Δτ = 0												
B	22	11	11	23	12	12	1293478	1272754	1204447	1094523	857397	572430	857397	1094523	1204447	1272754	1293478	22	11	11	23	12	12	B
B	22	12	10	23	13	11	1369565	1351740	1293211	1200122	1008053	681358	684836	983801	1115244	1195386	1219565	22	10	12	23	11	13	B
B	22	13	9	23	14	10	1447826	1432495	1382293	1303065	1143701	884547	574804	863311	1024380	1119403	1147826	22	9	13	23	10	14	B
B	22	14	8	23	15	9	1528261	1515123	1472192	1404800	1271341	1065379	681371	724680	929722	1044434	1078261	22	8	14	23	9	15	B
B	22	15	7	23	16	8	1610870	1599698	1563249	1506253	1394523	1227081	922304	594923	827168	969848	1010870	22	7	15	23	8	16	B
B	22	16	6	23	17	7	1695652	1686273	1655706	1608045	1515266	1378655	1143804	642465	709196	894488	945652	22	6	16	23	7	17	B
B	22	17	5	23	18	6	1782609	1774885	1749740	1710616	1634835	1524513	1340651	917879	601209	815981	882609	22	5	17	23	6	18	B
B	22	18	4	23	19	5	1871739	1865566	1845482	1814286	1754079	1667102	1524734	1218644	688239	729157	821739	22	4	18	23	5	19	B
B	22	19	3	23	20	4	1963043	1958336	1943032	1919291	1873598	1807941	1701671	1481713	1054482	637587	763043	22	3	19	23	4	20	B
B	22	20	2	23	21	3	2056522	2053215	2042469	2025815	1993829	1948043	1874475	1725257	1454536	712183	706522	22	2	20	23	3	21	B
B	22	21	1	23	22	2	2152174	2150215	2143852	2134000	2115103	2088124	2044978	1958452	1806854	1230858	652174	22	1	21	23	2	22	B
B	22	22	0	23	23	1	2250000	2249348	2247232	2243955	2237673	2228710	2214393	2185779	2136161	1953184	1200000	22	0	22	23	1	23	B
												Δτ = 1												
C	22	0	22	23	1	22	1200000	414329	267615	228965	209405	201572	197925	196260	195788	195660	195652	22	22	0	23	22	1	A
C	22	1	22	23	2	22	652174	405884	267614	228965	209405	201572	197925	196260	195788	195660	195652	22	22	1	23	22	2	A
C	22	1	21	23	2	21	652174	899640	523355	447760	409498	394181	387051	383797	382873	382624	382609	22	21	1	23	21	2	A
C	22	2	21	23	3	21	706522	724144	523269	447760	409498	394181	387051	383797	382873	382624	382609	22	21	2	23	21	3	A
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C	22	3	20	23	4	20	763043	862175	765069	656491	600292	577829	567379	562611	561257	560892	560870	22	20	3	23	20	4	A
C	22	3	19	23	4	19	763043	912796	1048410	855370	781820	752519	738908	732701	730940	730464	730435	22	19	3	23	19	4	A
C	22	4	19	23	5	19	821739	905212	971844	855257	781820	752519	738908	732701	730940	730464	730435	22	19	4	23	19	5	A
C	22	4	18	23	5	18	821739	907492	1307019	1045647	954140	918259	901638	894068	891920	891340	891304	22	18	4	23	18	5	A
C	22	5	18	23	6	18	882609	945484	1092967	1042475	954139	918259	901638	894068	891920	891340	891304	22	18	5	23	18	6	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	22	5	17	23	6	17	882609	945557	1199858	1261255	1117358	1075066	1055570	1046710	1044198	1043520	1043478	22	17	5	23	17	6	A
C	22	6	17	23	7	17	945652	994783	1138635	1203349	1117331	1075065	1055570	1046710	1044198	1043520	1043478	22	17	6	23	17	7	A
C	22	6	16	23	7	16	945652	994785	1147332	1478057	1271702	1222968	1200706	1190627	1187774	1187004	1186957	22	16	6	23	16	7	A
C	22	7	16	23	8	16	1010870	1050617	1170611	1303335	1271070	1222967	1200706	1190627	1187774	1187004	1186957	22	16	7	23	16	8	A
C	22	7	15	23	8	15	1010870	1050617	1171140	1407491	1424662	1362015	1337052	1325819	1322647	1321792	1321739	22	15	7	23	15	8	A
C	22	8	15	23	9	15	1078261	1111214	1211097	1346513	1410415	1362004	1337052	1325819	1322647	1321792	1321739	22	15	8	23	15	9	A
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C	22	10	13	23	11	13	1219565	1243259	1315391	1415559	1570506	1610597	1583404	1570024	1566284	1565279	1565217	22	13	10	23	13	11	A
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C	22	11	11	23	12	11	1293478	1313821	1375874	1461950	1604164	1855186	1795243	1779307	1775102	1773982	1773913	22	11	11	23	11	12	A
C	22	12	11	23	13	11	1369565	1387086	1440620	1514888	1635546	1761549	1793346	1779306	1775102	1773982	1773913	22	11	12	23	11	13	A
C	22	12	10	23	13	10	1369565	1387086	1440620	1514888	1635718	1798706	1905794	1870829	1866448	1865288	1865217	22	10	12	23	10	13	A
C	22	13	10	23	14	10	1447826	1462910	1509065	1573151	1676876	1793649	1876475	1870821	1866448	1865288	1865217	22	10	13	23	10	14	A
C	22	13	9	23	14	9	1447826	1462910	1509065	1573151	1676887	1796915	2001386	1953539	1949076	1947898	1947826	22	9	13	23	9	14	A
C	22	14	9	23	15	9	1528261	1541196	1580826	1635912	1724914	1825344	1930726	1953339	1949076	1947898	1947826	22	9	14	23	9	15	A
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C	22	15	8	23	16	8	1610870	1621876	1655629	1702602	1778467	1863664	1962627	2024786	2022964	2021809	2021739	22	8	15	23	8	16	A
C	22	15	7	23	16	7	1610870	1621876	1655629	1702602	1778467	1863681	1966835	2113553	2088044	2087021	2086957	22	7	15	23	7	16	A
C	22	16	7	23	17	7	1695652	1704898	1733276	1772812	1836692	1908233	1992013	2077963	2087988	2087021	2086957	22	7	16	23	7	17	A
C	22	16	6	23	17	6	1695652	1704898	1733276	1772812	1836692	1908234	1992338	2134964	2145017	2143527	2143478	22	6	16	23	6	17	A
C	22	17	6	23	18	6	1782609	1790225	1813619	1846245	1899000	1958021	2026849	2110613	2143124	2143526	2143478	22	6	17	23	6	18	A
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C	22	18	5	23	19	5	1871739	1877829	1896546	1922673	1964959	2012269	2067287	2136174	2184336	2191305	2191304	22	5	18	23	5	19	A
C	22	18	4	23	19	4	1871739	1877829	1896546	1922673	1964959	2012269	2067288	2136796	2222012	2230288	2230435	22	4	18	23	4	19	A
C	22	19	4	23	20	4	1963043	1967688	1981970	2001925	2034250	2070434	2112474	2165036	2210648	2230217	2230435	22	4	19	23	4	20	A
C	22	19	3	23	20	3	1963043	1967688	1981970	2001925	2034250	2070434	2112474	2165072	2216325	2261823	2260870	22	3	19	23	3	20	A
C	22	20	3	23	21	3	2056522	2059785	2069826	2083863	2106623	2132122	2161747	2198709	2232104	2259349	2260870	22	3	20	23	3	21	A
C	22	20	2	23	21	2	2056522	2059785	2069826	2083863	2106623	2132122	2161747	2198711	2232449	2281339	2282609	22	2	20	23	2	21	A
C	22	21	2	23	22	2	2152174	2154107	2160057	2168381	2181887	2197030	2214633	2236584	2256451	2278215	2282609	22	2	21	23	2	22	A
C	22	21	1	23	22	1	2152174	2154107	2160057	2168381	2181887	2197030	2214633	2236584	2256465	2283091	2295652	22	1	21	23	1	22	A
C	22	22	1	23	23	1	2250000	2250643	2252623	2255392	2259886	2264925	2270781	2278081	2284680	2292494	2295652	22	1	22	23	1	23	A
C	22	22	0	23	23	0	2250000	2250643	2252623	2255392	2259886	2264925	2270781	2278081	2284680	2292683	2300000	22	0	22	23	0	23	A
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B	22	1	22	23	2	21	652174	44865	9909	5825	3971	3180	2732	2439	2293	2202	2174	22	22	1	23	21	2	B
B	22	2	21	23	3	20	706522	267706	31138	17803	11995	9566	8202	7317	6879	6605	6522	22	21	2	23	20	3	B
B	22	3	20	23	4	19	763043	584827	72091	36356	24170	19182	16414	14634	13757	13209	13043	22	20	3	23	19	4	B
B	22	4	19	23	5	18	821739	726771	202360	62088	40598	32050	27368	24383	22922	22013	21739	22	19	4	23	18	5	B
B	22	5	18	23	6	17	882609	815905	488057	101816	61366	48179	41054	36556	34370	33016	32609	22	18	5	23	17	6	B
B	22	6	17	23	7	16	945652	894486	699793	216476	86457	67551	57447	51134	48090	46215	45652	22	17	6	23	16	7	B
B	22	7	16	23	8	15	1010870	969848	826590	481259	116832	90064	76491	68084	64065	61605	60870	22	16	7	23	15	8	B
B	22	8	15	23	9	14	1078261	1044434	929694	713400	179049	115406	98074	87352	82269	79180	78261	22	15	8	23	14	9	B
B	22	9	14	23	10	13	1147826	1119403	1024379	862472	369979	143258	121961	108845	102658	98929	97826	22	14	9	23	13	10	B
B	22	10	13	23	11	12	1219565	1195386	1115244	983749	651965	188920	147627	132397	125161	120835	119565	22	13	10	23	12	11	B
B	22	11	12	23	12	11	1293478	1272754	1204447	1094520	854536	340426	174045	157710	149658	144870	143478	22	12	11	23	11	12	B
B	22	12	11	23	13	10	1369565	1351740	1293211	1200122	1007834	632962	208172	184191	175944	170988	169565	22	11	12	23	10	13	B
B	22	13	10	23	14	9	1447826	1432495	1382293	1303065	1143688	879975	324115	210592	203645	199110	197826	22	10	13	23	9	14	B
B	22	14	9	23	15	8	1528261	1515123	1472192	1404800	1271340	1065011	614334	235907	232032	229094	228261	22	9	14	23	8	15	B
B	22	15	8	23	16	7	1610870	1599698	1563249	1506253	1394523	1227057	915409	294254	259554	260675	260870	22	8	15	23	7	16	B
B	22	16	7	23	17	6	1695652	1686273	1655706	1608045	1515266	1378654	1143254	519661	283945	293316	295652	22	7	16	23	6	17	B
B	22	17	6	23	18	5	1782609	1774885	1749740	1710616	1634835	1524513	1340616	899985	335330	325799	332609	22	6	17	23	5	18	B
B	22	18	5	23	19	4	1871739	1865566	1845482	1814286	1754079	1667102	1524732	1217264	572588	355293	371739	22	5	18	23	4	19	B
B	22	19	4	23	20	3	1963043	1958336	1943032	1919291	1873598	1807941	1701671	1481631	1037507	388425	413043	22	4	19	23	3	20	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	22	20	3	23	21	2	2056522	2053215	2042469	2025815	1993829	1948043	1874475	1725254	1453457	578664	456522	22	3	20	23	2	21	B
B	22	21	2	23	22	1	2152174	2150215	2143852	2134000	2115103	2088124	2044978	1958452	1806811	1201270	502174	22	2	21	23	1	22	B
B	22	22	1	23	23	0	2250000	2249348	2247232	2243955	2237673	2228710	2214393	2185779	2136161	1951993	1100000	22	1	22	23	0	23	B
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A	22	1	22	23	3	21	0	687	995	1168	1392	1591	1776	1952	2064	2147	2174	22	22	1	23	21	3	C
A	22	1	21	23	3	20	0	4574	3178	3592	4217	4796	5340	5858	6194	6440	6522	22	21	1	23	20	3	C
A	22	2	21	23	4	20	0	1218	3143	3592	4217	4796	5340	5858	6194	6440	6522	22	21	2	23	20	4	C
A	22	2	20	23	4	19	0	2498	7584	7431	8547	9649	10707	11728	12391	12881	13043	22	20	2	23	19	4	C
A	22	3	20	23	5	19	0	992	6396	7427	8547	9649	10707	11728	12391	12881	13043	22	20	3	23	19	5	C
A	22	3	19	23	5	18	0	1066	19197	13012	14497	16208	17907	19571	20662	21471	21739	22	19	3	23	18	5	C
A	22	4	19	23	6	18	0	690	8968	12903	14497	16208	17907	19571	20662	21471	21739	22	19	4	23	18	6	C
A	22	4	18	23	6	17	0	692	19661	22304	22268	24565	26984	29408	31013	32211	32609	22	18	4	23	17	6	C
A	22	5	18	23	7	17	0	502	8546	19754	22265	24565	26984	29408	31013	32211	32609	22	18	5	23	17	7	C
A	22	5	17	23	7	16	0	502	9988	44678	32231	34871	38009	41267	43458	45104	45652	22	17	5	23	16	7	C
A	22	6	17	23	8	16	0	384	6792	24767	32164	34871	38009	41267	43458	45104	45652	22	17	6	23	16	8	C
A	22	6	16	23	8	15	0	384	6865	48604	45669	47378	51095	55197	58016	60154	60870	22	16	6	23	15	8	C
A	22	7	16	23	9	15	0	304	5343	23874	44264	47375	51095	55197	58016	60154	60870	22	16	7	23	15	9	C
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A	22	14	9	23	16	8	0	85	1471	6617	24887	65837	154006	226180	226311	227539	228261	22	9	14	23	8	16	C
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A	22	15	8	23	17	7	0	71	1223	5496	20621	54209	128443	252557	263608	261176	260870	22	8	15	23	7	17	C
A	22	15	7	23	17	6	0	71	1223	5496	20621	54209	129184	412220	310560	298038	295652	22	7	15	23	6	17	C
A	22	16	7	23	18	6	0	58	1002	4500	16857	44142	103872	243574	305433	298037	295652	22	7	16	23	6	18	C
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A	22	17	6	23	19	5	0	46	802	3601	13476	35205	82367	201821	336908	339108	332609	22	6	17	23	5	19	C
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A	22	18	4	23	20	3	0	36	619	2779	10393	27112	63215	154743	384634	466030	413043	22	4	18	23	3	20	C
A	22	19	4	23	21	3	0	26	450	2018	7546	19668	45770	111365	240599	429074	413043	22	4	19	23	3	21	C
A	22	19	3	23	21	2	0	26	450	2018	7546	19668	45770	111370	244513	686458	456522	22	3	19	23	2	21	C
A	22	20	3	23	22	2	0	17	291	1308	4887	12733	29602	71821	155599	395779	456522	22	3	20	23	2	22	C
A	22	20	2	23	22	1	0	17	291	1308	4887	12733	29602	71821	155708	566070	502174	22	2	20	23	1	22	C
A	22	21	2	23	23	1	0	8	142	637	2382	6204	14415	34934	75545	222399	502174	22	2	21	23	1	23	C
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B	22	1	21	23	4	20	0	26463	30762	17803	11995	9566	8202	7317	6879	6605	6522	22	21	1	23	20	4	B
B	22	2	20	23	5	19	0	5494	58946	36336	24170	19182	16414	14634	13757	13209	13043	22	20	2	23	19	5	B
B	22	3	19	23	6	18	0	1422	60343	61468	40598	32050	27368	24383	22922	22013	21739	22	19	3	23	18	6	B
B	22	4	18	23	7	17	0	624	22221	87464	61356	48179	41054	36556	34370	33016	32609	22	18	4	23	17	7	B
B	22	5	17	23	8	16	0	323	6990	80892	86230	67551	57447	51134	48090	46215	45652	22	17	5	23	16	8	B
B	22	6	16	23	9	15	0	183	3481	33343	112216	90057	76491	68084	64065	61605	60870	22	16	6	23	15	9	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	22	7	15	23	10	14	0	110	2041	12026	118536	115250	98074	87352	82269	79180	78261	22	15	7	23	14	10	B
B	22	8	14	23	11	13	0	69	1267	6508	68924	140437	121956	108845	102658	98929	97826	22	14	8	23	13	11	B
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B	22	10	12	23	13	11	0	30	537	2629	12399	97443	172382	157709	149658	144870	143478	22	12	10	23	11	13	B
B	22	11	11	23	14	10	0	20	358	1737	7741	37136	182463	184168	175944	170988	169565	22	11	11	23	10	14	B
B	22	12	10	23	15	9	0	13	240	1158	5034	17338	132200	210139	203645	199110	197826	22	10	12	23	9	15	B
B	22	13	9	23	16	8	0	9	161	771	3302	10597	52411	228075	232018	229094	228261	22	9	13	23	8	16	B
B	22	14	8	23	17	7	0	6	106	509	2155	6735	22313	200428	259224	260675	260870	22	8	14	23	7	17	B
B	22	15	7	23	18	6	0	4	69	328	1382	4246	12809	95489	277442	293315	295652	22	7	15	23	6	18	B
B	22	16	6	23	19	5	0	2	43	204	856	2602	7620	32988	244003	325752	332609	22	6	16	23	5	19	B
B	22	17	5	23	20	4	0	1	25	120	502	1513	4347	15430	110547	353656	371739	22	5	17	23	4	20	B
B	22	18	4	23	21	3	0	1	13	64	267	802	2275	7724	31526	347024	413043	22	4	18	23	3	21	B
B	22	19	3	23	22	2	0	0	6	29	120	358	1006	3334	11002	185980	456522	22	3	19	23	2	22	B
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C	22	0	22	23	3	20	0	12549	561	167	55	21	8	2	0	0	0	22	22	0	23	20	3	A
C	22	1	22	23	4	20	0	2090	554	167	55	21	8	2	0	0	0	22	22	1	23	20	4	A
C	22	1	21	23	4	19	0	24205	3185	774	242	93	34	9	2	0	0	22	21	1	23	19	4	A
C	22	2	21	23	5	19	0	2496	2646	774	242	93	34	9	2	0	0	22	21	2	23	19	5	A
C	22	2	20	23	5	18	0	5356	16868	2315	677	255	92	24	5	0	0	22	20	2	23	18	5	A
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C	22	5	18	23	8	16	0	315	5347	9699	3142	1107	388	100	22	1	0	22	18	5	23	16	8	A
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C	22	6	16	23	9	14	0	178	3138	26439	14188	3509	1169	295	65	4	0	22	16	6	23	14	9	A
C	22	7	16	23	10	14	0	107	1837	8186	10103	3505	1169	295	65	4	0	22	16	7	23	14	10	A
C	22	7	15	23	10	13	0	107	1838	9698	39000	6033	1909	473	103	6	0	22	15	7	23	13	10	A
C	22	8	15	23	11	13	0	67	1141	5160	13024	5930	1909	473	103	6	0	22	15	8	23	13	11	A
C	22	8	14	23	11	12	0	67	1141	5227	41417	11574	3058	739	160	9	0	22	14	8	23	12	11	A
C	22	9	14	23	12	12	0	44	734	3250	11424	9484	3056	739	160	9	0	22	14	9	23	12	12	A
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C	22	12	11	23	15	9	0	13	216	927	3280	8255	10172	2663	554	31	0	22	11	12	23	9	15	A
C	22	12	10	23	15	8	0	13	216	927	3280	8796	34816	4216	836	47	0	22	10	12	23	8	15	A
C	22	13	10	23	16	8	0	9	145	617	2149	5314	10035	4098	836	47	0	22	10	13	23	8	16	A
C	22	13	9	23	16	7	0	9	145	617	2149	5337	18528	8058	1281	71	0	22	9	13	23	7	16	A
C	22	14	9	23	17	7	0	6	96	407	1402	3379	7216	5969	1279	71	0	22	9	14	23	7	17	A
C	22	14	8	23	17	6	0	6	96	407	1402	3380	7959	19453	2033	109	0	22	8	14	23	6	17	A
C	22	15	8	23	18	6	0	4	62	263	898	2127	4494	6806	1993	109	0	22	8	15	23	6	18	A
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C	22	16	7	23	19	5	0	2	39	164	557	1303	2678	5246	2992	173	0	22	7	16	23	5	19	A
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C	22	19	3	23	22	1	0	0	5	23	78	179	352	668	1108	3262	0	22	3	19	23	1	22	A
C	22	20	3	23	23	1	0	0	2	7	23	54	105	196	309	397	0	22	3	20	23	1	23	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	22	20	2	23	23	0	0	0	2	7	23	54	105	196	310	728	0	22	2	20	23	0	23	A
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B	22	2	21	23	5	18	0	2547	903	76	16	5	2	0	0	0	0	22	21	2	23	18	5	B
B	22	3	20	23	6	17	0	1321	5324	352	60	18	5	1	0	0	0	22	20	3	23	17	6	B
B	22	4	19	23	7	16	0	622	8229	1912	184	51	15	4	1	0	0	22	19	4	23	16	7	B
B	22	5	18	23	8	15	0	323	5908	8289	513	130	38	9	2	0	0	22	18	5	23	15	8	B
B	22	6	17	23	9	14	0	183	3442	12903	1663	305	85	19	4	0	0	22	17	6	23	14	9	B
B	22	7	16	23	10	13	0	110	2040	10110	6995	700	182	39	8	0	0	22	16	7	23	13	10	B
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B	22	9	14	23	12	11	0	45	815	4054	16957	6573	785	155	31	2	0	22	14	9	23	11	12	B
B	22	10	13	23	13	10	0	30	537	2629	11895	18431	1768	303	59	3	0	22	13	10	23	10	13	B
B	22	11	12	23	14	9	0	20	358	1737	7719	21946	5637	600	114	6	0	22	12	11	23	9	14	B
B	22	12	11	23	15	8	0	13	240	1158	5033	16229	18271	1239	221	12	0	22	11	12	23	8	15	B
B	22	13	10	23	16	7	0	9	161	771	3302	10549	26042	3194	442	23	0	22	10	13	23	7	16	B
B	22	14	9	23	17	6	0	6	106	509	2155	6733	20125	11948	937	47	0	22	9	14	23	6	17	B
B	22	15	8	23	18	5	0	4	69	328	1382	4246	12719	27287	2468	101	0	22	8	15	23	5	18	B
B	22	16	7	23	19	4	0	2	43	204	856	2602	7617	25130	10174	236	0	22	7	16	23	4	19	B
B	22	17	6	23	20	3	0	1	25	120	502	1513	4347	15100	26871	658	0	22	6	17	23	3	20	B
B	22	18	5	23	21	2	0	1	13	64	267	802	2275	7715	23284	3197	0	22	5	18	23	2	21	B
B	22	19	4	23	22	1	0	0	6	29	120	358	1006	3334	10767	16553	0	22	4	19	23	1	22	B
B	22	20	3	23	23	0	0	0	2	9	36	107	300	978	3087	15205	0	22	3	20	23	0	23	B
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A	22	1	22	23	5	19	0	3	6	2	1	0	0	0	0	0	0	22	22	1	23	19	5	C
A	22	1	21	23	5	18	0	35	90	15	6	2	1	0	0	0	0	22	21	1	23	18	5	C
A	22	2	21	23	6	18	0	2	33	15	6	2	1	0	0	0	0	22	21	2	23	18	6	C
A	22	2	20	23	6	17	0	5	516	70	21	9	4	1	0	0	0	22	20	2	23	17	6	C
A	22	3	20	23	7	17	0	1	70	61	21	9	4	1	0	0	0	22	20	3	23	17	7	C
A	22	3	19	23	7	16	0	1	591	382	64	26	10	3	1	0	0	22	19	3	23	16	7	C
A	22	4	19	23	8	16	0	0	61	172	64	26	10	3	1	0	0	22	19	4	23	16	8	C
A	22	4	18	23	8	15	0	0	160	1602	180	65	25	7	2	0	0	22	18	4	23	15	8	C
A	22	5	18	23	9	15	0	0	31	281	173	65	25	7	2	0	0	22	18	5	23	15	9	C
A	22	5	17	23	9	14	0	0	36	1875	582	153	55	15	4	0	0	22	17	5	23	14	9	C
A	22	6	17	23	10	14	0	0	13	245	411	152	55	15	4	0	0	22	17	6	23	14	10	C
A	22	6	16	23	10	13	0	0	13	608	2424	350	118	32	7	0	0	22	16	6	23	13	10	C
A	22	7	16	23	11	13	0	0	6	137	726	344	118	32	7	0	0	22	16	7	23	13	11	C
A	22	7	15	23	11	12	0	0	6	162	5050	902	245	63	14	1	0	22	15	7	23	12	11	C
A	22	8	15	23	12	12	0	0	3	66	785	736	245	63	14	1	0	22	15	8	23	12	12	C
A	22	8	14	23	12	11	0	0	3	67	2809	3273	510	124	28	2	0	22	14	8	23	11	12	C
A	22	9	14	23	13	11	0	0	1	32	526	1294	506	124	28	2	0	22	14	9	23	11	13	C
A	22	9	13	23	13	10	0	0	1	32	770	8399	1151	243	53	3	0	22	13	9	23	10	13	C
A	22	10	13	23	14	10	0	0	1	16	275	1502	1029	243	53	3	0	22	13	10	23	10	14	C
A	22	10	12	23	14	9	0	0	1	16	287	6121	3663	480	102	6	0	22	12	10	23	9	14	C
A	22	11	12	23	15	9	0	0	0	9	137	1082	1844	479	102	6	0	22	12	11	23	9	15	C
A	22	11	11	23	15	8	0	0	0	9	138	1786	11233	992	199	12	0	22	11	11	23	8	15	C
A	22	12	11	23	16	8	0	0	0	5	70	578	2309	964	199	12	0	22	11	12	23	8	16	C
A	22	12	10	23	16	7	0	0	0	5	70	616	10888	2559	398	23	0	22	10	12	23	7	16	C
A	22	13	10	23	17	7	0	0	0	2	36	282	1759	1875	397	23	0	22	10	13	23	7	17	C
A	22	13	9	23	17	6	0	0	0	2	36	283	3377	9442	844	46	0	22	9	13	23	6	17	C
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A	22	14	8	23	18	5	0	0	0	1	18	136	1022	17957	2223	98	0	22	8	14	23	5	18	C
A	22	15	8	23	19	5	0	0	0	1	9	64	417	2599	1713	98	0	22	8	15	23	5	19	C
A	22	15	7	23	19	4	0	0	0	1	9	64	420	7785	9083	230	0	22	7	15	23	4	19	C
A	22	16	7	23	20	4	0	0	0	0	4	28	176	1375	2770	229	0	22	7	16	23	4	20	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
											κ													
A	22	16	6	23	20	3	0	0	0	0	4	28	176	1785	20455	641	0	22	6	16	23	3	20	C
A	22	17	6	23	21	3	0	0	0	0	2	11	68	517	2394	581	0	22	6	17	23	3	21	C
A	22	17	5	23	21	2	0	0	0	0	2	11	68	528	8173	3115	0	22	5	17	23	2	21	C
A	22	18	5	23	22	2	0	0	0	0	1	4	21	154	955	1285	0	22	5	18	23	2	22	C
A	22	18	4	23	22	1	0	0	0	0	1	4	21	154	1278	15356	0	22	4	18	23	1	22	C
A	22	19	4	23	23	1	0	0	0	0	0	1	4	30	182	1148	0	22	4	19	23	1	23	C
A	22	19	3	23	23	0	0	0	0	0	0	1	4	30	186	8216	0	22	3	19	23	0	23	C
												$\Delta\tau$ = 8												
B	22	0	22	23	5	19	0	109	58	11	3	1	0	0	0	0	0	22	22	0	23	19	5	B
B	22	1	21	23	6	18	0	48	333	75	16	5	2	0	0	0	0	22	21	1	23	18	6	B
B	22	2	20	23	7	17	0	4	672	307	60	18	5	1	0	0	0	22	20	2	23	17	7	B
B	22	3	19	23	8	16	0	1	435	858	183	51	15	4	1	0	0	22	19	3	23	16	8	B
B	22	4	18	23	9	15	0	0	83	1346	495	130	38	9	2	0	0	22	18	4	23	15	9	B
B	22	5	17	23	10	14	0	0	14	880	1172	305	85	19	4	0	0	22	17	5	23	14	10	B
B	22	6	16	23	11	13	0	0	4	204	2035	688	182	39	8	0	0	22	16	6	23	13	11	B
B	22	7	15	23	12	12	0	0	1	41	1915	1468	377	79	16	1	0	22	15	7	23	12	12	B
B	22	8	14	23	13	11	0	0	1	13	703	2550	778	155	31	2	0	22	14	8	23	11	13	B
B	22	9	13	23	14	10	0	0	0	5	145	2681	1580	303	59	3	0	22	13	9	23	10	14	B
B	22	10	12	23	15	9	0	0	0	2	42	1184	2809	599	114	6	0	22	12	10	23	9	15	B
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B	22	12	10	23	17	7	0	0	0	0	6	66	1700	2335	441	23	0	22	10	12	23	7	17	B
B	22	13	9	23	18	6	0	0	0	0	2	23	363	3467	918	47	0	22	9	13	23	6	18	B
B	22	14	8	23	19	5	0	0	0	0	1	8	79	2603	1899	101	0	22	8	14	23	5	19	B
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B	22	16	6	23	21	3	0	0	0	0	0	1	6	95	2200	596	0	22	6	16	23	3	21	B
B	22	17	5	23	22	2	0	0	0	0	0	0	2	16	408	1314	0	22	5	17	23	2	22	B
B	22	18	4	23	23	1	0	0	0	0	0	0	0	2	27	1109	0	22	4	18	23	1	23	B
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C	22	1	22	23	6	18	0	4	6	1	0	0	0	0	0	0	0	22	22	1	23	18	6	A
C	22	1	21	23	6	17	0	46	225	7	1	0	0	0	0	0	0	22	21	1	23	17	6	A
C	22	2	21	23	7	17	0	2	29	6	1	0	0	0	0	0	0	22	21	2	23	17	7	A
C	22	2	20	23	7	16	0	4	586	70	3	0	0	0	0	0	0	22	20	2	23	16	7	A
C	22	3	20	23	8	16	0	0	45	31	3	0	0	0	0	0	0	22	20	3	23	16	8	A
C	22	3	19	23	8	15	0	1	391	474	13	2	0	0	0	0	0	22	19	3	23	15	8	A
C	22	4	19	23	9	15	0	0	28	80	12	2	0	0	0	0	0	22	19	4	23	15	9	A
C	22	4	18	23	9	14	0	0	75	1023	59	5	1	0	0	0	0	22	18	4	23	14	9	A
C	22	5	18	23	10	14	0	0	11	101	41	5	1	0	0	0	0	22	18	5	23	14	10	A
C	22	5	17	23	10	13	0	0	13	701	347	15	2	0	0	0	0	22	17	5	23	13	10	A
C	22	6	17	23	11	13	0	0	4	66	102	15	2	0	0	0	0	22	17	6	23	13	11	A
C	22	6	16	23	11	12	0	0	4	163	1117	53	4	0	0	0	0	22	16	6	23	12	11	A
C	22	7	16	23	12	12	0	0	1	28	152	43	4	0	0	0	0	22	16	7	23	12	12	A
C	22	7	15	23	12	11	0	0	1	33	1221	258	12	1	0	0	0	22	15	7	23	11	12	A
C	22	8	15	23	13	11	0	0	0	10	126	101	12	1	0	0	0	22	15	8	23	11	13	A
C	22	8	14	23	13	10	0	0	0	11	456	962	35	2	0	0	0	22	14	8	23	10	13	A
C	22	9	14	23	14	10	0	0	0	4	64	157	31	2	0	0	0	22	14	9	23	10	14	A
C	22	9	13	23	14	9	0	0	0	4	94	1290	147	4	0	0	0	22	13	9	23	9	14	A
C	22	10	13	23	15	9	0	0	0	2	26	141	74	4	0	0	0	22	13	10	23	9	15	A
C	22	10	12	23	15	8	0	0	0	2	27	591	634	11	0	0	0	22	12	10	23	8	15	A
C	22	11	12	23	16	8	0	0	0	1	10	76	123	11	0	0	0	22	12	11	23	8	16	A
C	22	11	11	23	16	7	0	0	0	1	10	126	1074	38	1	0	0	22	11	11	23	7	16	A
C	22	12	11	23	17	7	0	0	0	0	4	31	119	28	1	0	0	22	11	12	23	7	17	A
C	22	12	10	23	17	6	0	0	0	0	4	33	592	191	3	0	0	22	10	12	23	6	17	A
C	22	13	10	23	18	6	0	0	0	0	2	11	66	57	3	0	0	22	10	13	23	6	18	A
C	22	13	9	23	18	5	0	0	0	0	2	11	127	573	11	0	0	22	9	13	23	5	18	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	22	14	9	23	19	5	0	0	0	0	1	4	25	69	9	0	0	22	9	14	23	5	19	A
C	22	14	8	23	19	4	0	0	0	0	1	4	28	510	66	0	0	22	8	14	23	4	19	A
C	22	15	8	23	20	4	0	0	0	0	0	1	8	43	20	0	0	22	8	15	23	4	20	A
C	22	15	7	23	20	3	0	0	0	0	0	1	8	131	241	0	0	22	7	15	23	3	20	A
C	22	16	7	23	21	3	0	0	0	0	0	0	2	15	24	0	0	22	7	16	23	3	21	A
C	22	16	6	23	21	2	0	0	0	0	0	0	2	19	216	2	0	22	6	16	23	2	21	A
C	22	17	6	23	22	2	0	0	0	0	0	0	1	3	12	1	0	22	6	17	23	2	22	A
C	22	17	5	23	22	1	0	0	0	0	0	0	1	3	41	20	0	22	5	17	23	1	22	A
C	22	18	5	23	23	1	0	0	0	0	0	0	0	0	2	1	0	22	5	18	23	1	23	A
C	22	18	4	23	23	0	0	0	0	0	0	0	0	0	3	27	0	22	4	18	23	0	23	A
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B	22	1	22	23	6	17	0	4	5	0	0	0	0	0	0	0	0	22	22	1	23	17	6	B
B	22	2	21	23	7	16	0	2	32	2	0	0	0	0	0	0	0	22	21	2	23	16	7	B
B	22	3	20	23	8	15	0	0	50	27	0	0	0	0	0	0	0	22	20	3	23	15	8	B
B	22	4	19	23	9	14	0	0	31	95	3	0	0	0	0	0	0	22	19	4	23	14	9	B
B	22	5	18	23	10	13	0	0	12	125	29	1	0	0	0	0	0	22	18	5	23	13	10	B
B	22	6	17	23	11	12	0	0	4	82	133	5	0	0	0	0	0	22	17	6	23	12	11	B
B	22	7	16	23	12	11	0	0	1	35	229	30	1	0	0	0	0	22	16	7	23	11	12	B
B	22	8	15	23	13	10	0	0	1	13	193	152	4	0	0	0	0	22	15	8	23	10	13	B
B	22	9	14	23	14	9	0	0	0	5	99	301	24	1	0	0	0	22	14	9	23	9	14	B
B	22	10	13	23	15	8	0	0	0	2	40	280	135	2	0	0	0	22	13	10	23	8	15	B
B	22	11	12	23	16	7	0	0	0	1	16	152	326	9	0	0	0	22	12	11	23	7	16	B
B	22	12	11	23	17	6	0	0	0	0	6	61	336	56	1	0	0	22	11	12	23	6	17	B
B	22	13	10	23	18	5	0	0	0	0	2	23	188	233	4	0	0	22	10	13	23	5	18	B
B	22	14	9	23	19	4	0	0	0	0	1	8	71	337	30	0	0	22	9	14	23	4	19	B
B	22	15	8	23	20	3	0	0	0	0	0	3	23	214	157	0	0	22	8	15	23	3	20	B
B	22	16	7	23	21	2	0	0	0	0	0	1	6	73	234	2	0	22	7	16	23	2	21	B
B	22	17	6	23	22	1	0	0	0	0	0	0	2	16	117	25	0	22	6	17	23	1	22	B
B	22	18	5	23	23	0	0	0	0	0	0	0	0	2	20	55	0	22	5	18	23	0	23	B
												$\Delta\tau$ = 11												
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A	22	2	20	23	8	15	0	0	5	5	0	0	0	0	0	0	0	22	20	2	23	15	8	C
A	22	3	20	23	9	15	0	0	0	1	0	0	0	0	0	0	0	22	20	3	23	15	9	C
A	22	3	19	23	9	14	0	0	2	19	1	0	0	0	0	0	0	22	19	3	23	14	9	C
A	22	4	19	23	10	14	0	0	0	2	1	0	0	0	0	0	0	22	19	4	23	14	10	C
A	22	4	18	23	10	13	0	0	0	24	10	0	0	0	0	0	0	22	18	4	23	13	10	C
A	22	5	18	23	11	13	0	0	0	2	3	0	0	0	0	0	0	22	18	5	23	13	11	C
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A	22	6	17	23	12	12	0	0	0	1	6	2	0	0	0	0	0	22	17	6	23	12	12	C
A	22	6	16	23	12	11	0	0	0	2	79	15	1	0	0	0	0	22	16	6	23	11	12	C
A	22	7	16	23	13	11	0	0	0	0	7	6	1	0	0	0	0	22	16	7	23	11	13	C
A	22	7	15	23	13	10	0	0	0	0	58	76	3	0	0	0	0	22	15	7	23	10	13	C
A	22	8	15	23	14	10	0	0	0	0	4	12	3	0	0	0	0	22	15	8	23	10	14	C
A	22	8	14	23	14	9	0	0	0	0	16	149	15	0	0	0	0	22	14	8	23	9	14	C
A	22	9	14	23	15	9	0	0	0	0	2	15	8	0	0	0	0	22	14	9	23	9	15	C
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A	22	10	13	23	16	8	0	0	0	0	1	10	17	2	0	0	0	22	13	10	23	8	16	C
A	22	10	12	23	16	7	0	0	0	0	1	42	211	7	0	0	0	22	12	10	23	7	16	C
A	22	11	12	23	17	7	0	0	0	0	0	4	22	5	0	0	0	22	12	11	23	7	17	C
A	22	11	11	23	17	6	0	0	0	0	0	7	203	45	1	0	0	22	11	11	23	6	17	C
A	22	12	11	23	18	6	0	0	0	0	0	1	15	13	1	0	0	22	11	12	23	6	18	C
A	22	12	10	23	18	5	0	0	0	0	0	1	77	186	4	0	0	22	10	12	23	5	18	C
A	22	13	10	23	19	5	0	0	0	0	0	0	6	22	3	0	0	22	10	13	23	5	19	C
A	22	13	9	23	19	4	0	0	0	0	0	0	12	263	27	0	0	22	9	13	23	4	19	C
A	22	14	9	23	20	4	0	0	0	0	0	0	2	18	8	0	0	22	9	14	23	4	20	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	22	14	8	23	20	3	0	0	0	0	0	0	2	138	141	0	0	22	8	14	23	3	20	C
A	22	15	8	23	21	3	0	0	0	0	0	0	0	7	14	0	0	22	8	15	23	3	21	C
A	22	15	7	23	21	2	0	0	0	0	0	0	0	22	207	2	0	22	7	15	23	2	21	C
A	22	16	7	23	22	2	0	0	0	0	0	0	0	1	10	1	0	22	7	16	23	2	22	C
A	22	16	6	23	22	1	0	0	0	0	0	0	0	2	87	24	0	22	6	16	23	1	22	C
A	22	17	6	23	23	1	0	0	0	0	0	0	0	0	2	2	0	22	6	17	23	1	23	C
A	22	17	5	23	23	0	0	0	0	0	0	0	0	0	7	54	0	22	5	17	23	0	23	C
												Δτ = 12												
B	22	0	22	23	7	17	0	0	1	0	0	0	0	0	0	0	0	22	22	0	23	17	7	B
B	22	1	21	23	8	16	0	0	2	1	0	0	0	0	0	0	0	22	21	1	23	16	8	B
B	22	2	20	23	9	15	0	0	2	5	0	0	0	0	0	0	0	22	20	2	23	15	9	B
B	22	3	19	23	10	14	0	0	1	9	2	0	0	0	0	0	0	22	19	3	23	14	10	B
B	22	4	18	23	11	13	0	0	0	8	9	1	0	0	0	0	0	22	18	4	23	13	11	B
B	22	5	17	23	12	12	0	0	0	3	18	4	0	0	0	0	0	22	17	5	23	12	12	B
B	22	6	16	23	13	11	0	0	0	0	20	12	1	0	0	0	0	22	16	6	23	11	13	B
B	22	7	15	23	14	10	0	0	0	0	11	25	4	0	0	0	0	22	15	7	23	10	14	B
B	22	8	14	23	15	9	0	0	0	0	2	29	12	1	0	0	0	22	14	8	23	9	15	B
B	22	9	13	23	16	8	0	0	0	0	0	18	26	2	0	0	0	22	13	9	23	8	16	B
B	22	10	12	23	17	7	0	0	0	0	0	4	33	6	0	0	0	22	12	10	23	7	17	B
B	22	11	11	23	18	6	0	0	0	0	0	1	22	17	1	0	0	22	11	11	23	6	18	B
B	22	12	10	23	19	5	0	0	0	0	0	0	6	27	3	0	0	22	10	12	23	5	19	B
B	22	13	9	23	20	4	0	0	0	0	0	0	1	22	9	0	0	22	9	13	23	4	20	B
B	22	14	8	23	21	3	0	0	0	0	0	0	0	7	15	0	0	22	8	14	23	3	21	B
B	22	15	7	23	22	2	0	0	0	0	0	0	0	1	10	1	0	22	7	15	23	2	22	B
B	22	16	6	23	23	1	0	0	0	0	0	0	0	0	2	2	0	22	6	16	23	1	23	B
												Δτ = 13												
C	22	0	22	23	7	16	0	0	1	0	0	0	0	0	0	0	0	22	22	0	23	16	7	A
C	22	1	21	23	8	15	0	0	2	1	0	0	0	0	0	0	0	22	21	1	23	15	8	A
C	22	2	20	23	9	14	0	0	2	3	0	0	0	0	0	0	0	22	20	2	23	14	9	A
C	22	3	19	23	10	13	0	0	1	7	1	0	0	0	0	0	0	22	19	3	23	13	10	A
C	22	4	18	23	11	12	0	0	0	6	5	0	0	0	0	0	0	22	18	4	23	12	11	A
C	22	5	18	23	12	12	0	0	0	0	1	0	0	0	0	0	0	22	18	5	23	12	12	A
C	22	5	17	23	12	11	0	0	0	2	11	1	0	0	0	0	0	22	17	5	23	11	12	A
C	22	6	17	23	13	11	0	0	0	0	1	0	0	0	0	0	0	22	17	6	23	11	13	A
C	22	6	16	23	13	10	0	0	0	0	13	4	0	0	0	0	0	22	16	6	23	10	13	A
C	22	7	16	23	14	10	0	0	0	0	1	1	0	0	0	0	0	22	16	7	23	10	14	A
C	22	7	15	23	14	9	0	0	0	0	7	12	0	0	0	0	0	22	15	7	23	9	14	A
C	22	8	15	23	15	9	0	0	0	0	0	1	0	0	0	0	0	22	15	8	23	9	15	A
C	22	8	14	23	15	8	0	0	0	0	2	14	3	0	0	0	0	22	14	8	23	8	15	A
C	22	9	14	23	16	8	0	0	0	0	0	1	1	0	0	0	0	22	14	9	23	8	16	A
C	22	9	13	23	16	7	0	0	0	0	0	9	8	0	0	0	0	22	13	9	23	7	16	A
C	22	10	13	23	17	7	0	0	0	0	0	1	1	0	0	0	0	22	13	10	23	7	17	A
C	22	10	12	23	17	6	0	0	0	0	0	2	12	1	0	0	0	22	12	10	23	6	17	A
C	22	11	12	23	18	6	0	0	0	0	0	0	1	0	0	0	0	22	12	11	23	6	18	A
C	22	11	11	23	18	5	0	0	0	0	0	0	8	3	0	0	0	22	11	11	23	5	18	A
C	22	12	10	23	19	4	0	0	0	0	0	0	2	5	0	0	0	22	10	12	23	4	19	A
C	22	13	9	23	20	3	0	0	0	0	0	0	0	4	1	0	0	22	9	13	23	3	20	A
C	22	14	8	23	21	2	0	0	0	0	0	0	0	1	2	0	0	22	8	14	23	2	21	A
C	22	15	7	23	22	1	0	0	0	0	0	0	0	0	1	0	0	22	7	15	23	1	22	A
												Δτ = 14												
B	22	4	19	23	11	12	0	0	0	1	0	0	0	0	0	0	0	22	19	4	23	12	11	B
B	22	5	18	23	12	11	0	0	0	0	1	0	0	0	0	0	0	22	18	5	23	11	12	B
B	22	6	17	23	13	10	0	0	0	0	2	0	0	0	0	0	0	22	17	6	23	10	13	B
B	22	7	16	23	14	9	0	0	0	0	1	1	0	0	0	0	0	22	16	7	23	9	14	B
B	22	8	15	23	15	8	0	0	0	0	1	2	0	0	0	0	0	22	15	8	23	8	15	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	22	9	14	23	16	7	0	0	0	0	0	2	1	0	0	0	0	22	14	9	23	7	16	B
B	22	10	13	23	17	6	0	0	0	0	0	1	2	0	0	0	0	22	13	10	23	6	17	B
B	22	11	12	23	18	5	0	0	0	0	0	0	2	1	0	0	0	22	12	11	23	5	18	B
B	22	12	11	23	19	4	0	0	0	0	0	0	1	2	0	0	0	22	11	12	23	4	19	B
B	22	13	10	23	20	3	0	0	0	0	0	0	0	2	0	0	0	22	10	13	23	3	20	B
B	22	14	9	23	21	2	0	0	0	0	0	0	0	1	1	0	0	22	9	14	23	2	21	B
B	22	15	8	23	22	1	0	0	0	0	0	0	0	0	1	0	0	22	8	15	23	1	22	B
												Δτ = 15												
A	22	5	17	23	13	10	0	0	0	0	1	0	0	0	0	0	0	22	17	5	23	10	13	C
A	22	6	16	23	14	9	0	0	0	0	0	1	0	0	0	0	0	22	16	6	23	9	14	C
A	22	7	15	23	15	8	0	0	0	0	0	1	0	0	0	0	0	22	15	7	23	8	15	C
A	22	8	14	23	16	7	0	0	0	0	0	1	1	0	0	0	0	22	14	8	23	7	16	C
A	22	9	13	23	17	6	0	0	0	0	0	0	2	0	0	0	0	22	13	9	23	6	17	C
A	22	10	12	23	18	5	0	0	0	0	0	0	2	0	0	0	0	22	12	10	23	5	18	C
A	22	11	11	23	19	4	0	0	0	0	0	0	1	1	0	0	0	22	11	11	23	4	19	C
A	22	12	10	23	20	3	0	0	0	0	0	0	0	1	0	0	0	22	10	12	23	3	20	C
A	22	13	9	23	21	2	0	0	0	0	0	0	0	1	1	0	0	22	9	13	23	2	21	C
A	22	14	8	23	22	1	0	0	0	0	0	0	0	0	1	0	0	22	8	14	23	1	22	C
J=23			Δ J = 0																					
												Δτ = 1												
A	23	12	12	23	12	11	1226087	1225404	1214207	1171882	1008138	567697	553421	719952	810919	873798	894022	23	12	12	23	11	12	C
C	23	12	11	23	13	11	842935	825584	771815	694990	561227	414734	742013	963328	1015738	1029421	1030254	23	11	12	23	11	13	A
A	23	13	11	23	13	10	1438949	1438384	1429140	1394458	1265559	914946	538201	732809	842739	917072	940851	23	11	13	23	10	13	C
C	23	13	10	23	14	10	787591	772637	726397	660816	549891	409042	466872	766855	833463	850422	851449	23	10	13	23	10	14	A
A	23	14	10	23	14	9	1668841	1668372	1660703	1632069	1527838	1272002	661202	728012	865665	955078	983424	23	10	14	23	9	14	C
C	23	14	9	23	15	9	727989	715097	675286	619081	525532	412564	306135	577741	666916	688385	689674	23	9	14	23	9	15	A
A	23	15	9	23	15	8	1915761	1915372	1909009	1885318	1800116	1601206	1064539	699142	876794	987278	1021739	23	9	15	23	8	15	C
C	23	15	8	23	16	8	664130	653057	618896	570807	491512	398794	279403	385339	515193	543270	544928	23	8	15	23	8	16	A
A	23	16	8	23	16	7	2179710	2179388	2174130	2154589	2084833	1926030	1539664	725032	870400	1012732	1055797	23	8	16	23	7	16	C
C	23	16	7	23	17	7	596014	586586	557515	516668	449694	372732	277101	223299	376110	415008	417210	23	7	16	23	7	17	A
A	23	17	7	23	17	6	2460688	2460425	2456120	2440144	2383380	2256006	1963714	1069328	837794	1029651	1085598	23	7	17	23	6	17	C
C	23	17	6	23	18	6	523641	515729	491346	457127	401214	337585	260967	163143	243813	303455	306522	23	6	17	23	6	18	A
A	23	18	6	23	18	5	2758696	2758483	2755018	2742164	2696637	2595374	2369399	1710135	851238	1034250	1111141	23	6	18	23	5	18	C
C	23	18	5	23	19	5	447011	440524	420539	392513	346819	295111	233844	152752	131626	208263	212862	23	5	18	23	5	19	A
A	23	19	5	23	19	4	3073732	3073566	3070849	3060781	3025194	2946481	2773519	2307760	1246850	1018193	1132428	23	5	19	23	4	19	C
C	23	19	4	23	20	4	366123	360996	345203	323068	287026	246374	198610	137302	84234	128301	136232	23	4	19	23	4	20	A
A	23	20	4	23	20	3	3405797	3405672	3403637	3396094	3369469	3310792	3183035	2851144	2092707	996682	1149457	23	4	20	23	3	20	C
C	23	20	3	23	21	3	280978	277166	265424	248972	222205	192070	156822	112273	70468	62621	76630	23	3	20	23	3	21	A
A	23	21	3	23	21	2	3754891	3754805	3753396	3748176	3729766	3689290	3601656	3378067	2907102	1315507	1162228	23	3	21	23	2	21	C
C	23	21	2	23	22	2	191576	189049	181265	170362	152630	132687	109414	80204	53376	26832	34058	23	2	21	23	2	22	A
A	23	22	2	23	22	1	4121014	4120964	4120139	4117084	4106314	4082670	4031653	3902742	3640122	2509367	1170743	23	2	22	23	1	22	C
C	23	22	1	23	23	1	97917	96657	92777	87343	78508	68576	56998	42507	29323	13406	8514	23	1	22	23	1	23	A
A	23	23	1	23	23	0	4504166	4504149	4503876	4502862	4499288	4491445	4474539	4431956	4346063	3996444	2350000	23	1	23	23	0	23	C
												Δτ = 2												
B	23	11	12	23	12	11	894022	914445	980578	1083481	1292257	1839848	1292257	1083481	980578	914445	894022	23	12	11	23	11	12	B
B	23	12	12	23	13	11	842935	860473	917288	1005386	1177993	1385940	1285057	1083476	980578	914445	894022	23	12	12	23	11	13	B
B	23	12	11	23	13	10	842935	860473	917288	1005386	1178468	1552742	1474599	1164102	1042468	964835	940851	23	11	12	23	10	13	B
B	23	13	11	23	14	10	787591	802714	851730	927601	1074820	1287280	1376443	1163999	1042468	964835	940851	23	11	13	23	10	14	B
B	23	13	10	23	14	9	787591	802714	851730	927601	1074849	1301727	1812395	1251384	1104319	1011957	983424	23	10	13	23	9	14	B
B	23	14	10	23	15	9	727989	741034	783327	848737	974853	1158945	1384458	1249649	1104317	1011957	983424	23	10	14	23	9	15	B
B	23	14	9	23	15	8	727989	741034	783327	848737	974854	1159859	1643004	1363128	1168390	1056320	1021739	23	9	14	23	8	15	B
B	23	15	9	23	16	8	664130	675337	711685	767878	875825	1031832	1277516	1336001	1168335	1056320	1021739	23	9	15	23	8	16	B
B	23	15	8	23	16	7	664130	675337	711685	767878	875825	1031887	1306392	1636248	1238923	1098790	1055797	23	8	15	23	7	16	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	23	16	8	23	17	7	596014	605559	636524	684389	776147	907782	1121249	1375070	1237799	1098790	1055797	23	8	16	23	7	17	B
B	23	16	7	23	17	6	596014	605559	636524	684389	776147	907784	1122909	1815211	1330900	1140932	1085598	23	7	16	23	6	17	B
B	23	17	7	23	18	6	523641	531652	557643	597820	674752	784638	961531	1284361	1311003	1140929	1085598	23	7	17	23	6	18	B
B	23	17	6	23	18	5	523641	531652	557643	597820	674752	784638	961623	1391428	1576927	1185841	1111141	23	6	17	23	5	18	B
B	23	18	6	23	19	5	447011	453579	474894	507843	570896	660735	804393	1090321	1339092	1185696	1111141	23	6	18	23	5	19	B
B	23	18	5	23	19	4	447011	453579	474894	507843	570896	660735	804397	1096546	1834686	1241611	1132428	23	5	18	23	4	19	B
B	23	19	5	23	20	4	366123	371315	388164	414212	464042	534944	647886	873021	1209227	1237034	1132428	23	5	19	23	4	20	B
B	23	19	4	23	20	3	366123	371315	388164	414212	464042	534944	647886	873297	1347063	1373462	1149457	23	4	19	23	3	20	B
B	23	20	4	23	21	3	280978	284839	297369	316741	353795	406479	490232	656327	935581	1269542	1149457	23	4	20	23	3	21	B
B	23	20	3	23	21	2	280978	284839	297369	316741	353794	406479	490232	656337	942306	1822507	1162228	23	3	20	23	2	21	B
B	23	21	3	23	22	2	191576	194135	202443	215286	239852	274769	330221	439885	625896	1106526	1162228	23	3	21	23	2	22	B
B	23	21	2	23	22	1	191576	194135	202443	215286	239852	274769	330221	439885	626084	1444635	1170743	23	2	21	23	1	22	B
B	23	22	2	23	23	1	97917	99192	103333	109736	121981	139385	167013	221595	314065	616426	1170743	23	2	22	23	1	23	B
B	23	22	1	23	23	0	97917	99192	103333	109736	121981	139385	167013	221595	314067	631667	2350000	23	1	22	23	0	23	B
												$\Delta\tau$ = 3												
A	23	11	12	23	13	11	0	99	1714	7821	31094	160452	547659	719947	810919	873798	894022	23	12	11	23	11	13	C
C	23	12	12	23	13	10	842935	825584	771815	694990	560825	318628	44903	10466	2280	131	0	23	12	12	23	10	13	A
A	23	12	11	23	14	10	0	74	1285	5841	22841	74023	466974	732709	842739	917072	940851	23	11	12	23	10	14	C
C	23	13	11	23	14	9	787591	772637	726397	660816	549867	400078	88408	14093	3043	174	0	23	11	13	23	9	14	A
A	23	13	10	23	15	9	0	55	956	4335	16778	47633	263552	726344	865663	955078	983424	23	10	13	23	9	15	C
C	23	14	10	23	15	8	727989	715097	675286	619081	525531	411931	193565	19433	4096	234	0	23	10	14	23	8	15	A
A	23	14	9	23	16	8	0	40	702	3176	12206	33878	111465	674591	876739	987278	1021739	23	9	14	23	8	16	C
C	23	15	9	23	16	7	664130	653057	618896	570807	491512	398755	266855	32039	5602	318	0	23	9	15	23	7	16	A
A	23	15	8	23	17	7	0	29	505	2282	8722	23907	63177	485434	869247	1012732	1055797	23	8	15	23	7	17	C
C	23	16	8	23	17	6	596014	586586	557515	516668	449694	372730	276250	75383	7913	441	0	23	8	16	23	6	17	A
A	23	16	7	23	18	6	0	20	353	1591	6061	16463	41979	206419	817834	1029647	1085598	23	7	16	23	6	18	C
C	23	17	7	23	18	5	523641	515729	491346	457127	401214	337585	260916	136622	13222	632	0	23	7	17	23	5	18	A
A	23	17	6	23	19	5	0	14	236	1064	4039	10898	27341	86601	612545	1034100	1111141	23	6	17	23	5	19	C
C	23	18	6	23	19	4	447011	440524	420539	392513	346819	295111	233842	150916	33250	953	0	23	6	18	23	4	19	A
A	23	18	5	23	20	4	0	9	148	667	2527	6785	16822	48024	247210	1013415	1132428	23	5	18	23	4	20	C
C	23	19	5	23	20	3	366123	360996	345203	323068	287026	246374	198610	137207	66048	1618	0	23	5	19	23	3	20	A
A	23	19	4	23	21	3	0	5	84	378	1430	3825	9401	26117	80797	888291	1149457	23	4	19	23	3	21	C
C	23	20	4	23	21	2	280978	277166	265424	248972	222205	192070	156822	112270	69404	4384	0	23	4	20	23	2	21	A
A	23	20	3	23	22	2	0	2	40	179	678	1807	4410	12028	32397	418478	1162228	23	3	20	23	2	22	C
C	23	21	3	23	22	1	191576	189049	181265	170362	152630	132687	109414	80204	53340	13217	0	23	3	21	23	1	22	A
A	23	21	2	23	23	1	0	1	13	57	215	571	1388	3733	9727	67001	1170743	23	2	21	23	1	23	C
C	23	22	2	23	23	0	97917	96657	92777	87343	78508	68576	56998	42507	29322	12773	0	23	2	22	23	0	23	A
												$\Delta\tau$ = 5												
A	23	11	13	23	13	10	0	99	1714	7821	30824	52616	7446	1676	375	22	0	23	13	11	23	10	13	C
C	23	11	12	23	14	10	0	13	224	984	3851	21973	39861	10465	2280	131	0	23	12	11	23	10	14	A
A	23	12	12	23	14	9	0	74	1285	5841	22827	59391	20355	2909	634	37	0	23	12	12	23	9	14	C
C	23	12	11	23	15	9	0	8	134	581	2171	7275	40266	14066	3043	174	0	23	11	12	23	9	15	A
A	23	13	11	23	15	8	0	55	956	4335	16777	46766	57263	5300	1095	64	0	23	11	13	23	8	15	C
C	23	13	10	23	16	8	0	5	79	341	1238	3421	20211	18854	4095	234	0	23	10	13	23	8	16	A
A	23	14	10	23	16	7	0	40	702	3176	12206	33836	76110	12053	1956	112	0	23	10	14	23	7	16	C
C	23	14	9	23	17	7	0	3	46	196	699	1823	6093	22914	5596	318	0	23	9	14	23	7	17	A
A	23	15	9	23	17	6	0	29	505	2282	8722	23905	60826	39761	3718	205	0	23	9	15	23	6	17	C
C	23	15	8	23	18	6	0	2	26	109	384	969	2421	17308	7751	441	0	23	8	15	23	6	18	A
A	23	16	8	23	18	5	0	20	353	1591	6061	16463	41875	82484	8783	397	0	23	8	16	23	5	18	C
C	23	16	7	23	19	5	0	1	14	58	202	497	1146	5471	10045	632	0	23	7	16	23	5	19	A
A	23	17	7	23	19	4	0	14	236	1064	4039	10898	27336	74887	32464	842	0	23	7	17	23	4	19	C
C	23	17	6	23	20	4	0	0	7	28	98	238	525	1478	8237	949	0	23	6	17	23	4	20	A
A	23	18	6	23	20	3	0	9	148	667	2527	6785	16822	47563	78406	2135	0	23	6	18	23	3	20	C
C	23	18	5	23	21	3	0	0	3	12	42	101	217	516	2334	1464	0	23	5	18	23	3	21	A
A	23	19	5	23	21	2	0	5	84	378	1430	3825	9401	26103	66431	9438	0	23	5	19	23	2	21	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	23	19	4	23	22	2	0	0	1	4	15	35	73	163	407	1718	0	23	4	19	23	2	22	A
A	23	20	4	23	22	1	0	2	40	179	678	1807	4410	12028	32014	44653	0	23	4	20	23	1	22	C
C	23	20	3	23	23	1	0	0	0	1	3	8	16	33	68	509	0	23	3	20	23	1	23	A
A	23	21	3	23	23	0	0	1	13	57	215	571	1388	3733	9723	38911	0	23	3	21	23	0	23	C
												$\Delta\tau$ = 6												
B	23	10	13	23	13	10	0	23	417	2096	11504	83729	11504	2096	417	23	0	23	13	10	23	10	13	B
B	23	11	13	23	14	10	0	14	249	1231	5887	17537	10290	2096	417	23	0	23	13	11	23	10	14	B
B	23	11	12	23	14	9	0	14	249	1231	5936	43498	31327	3640	705	38	0	23	12	11	23	9	14	B
B	23	12	12	23	15	9	0	8	148	726	3341	11939	15908	3633	705	38	0	23	12	12	23	9	15	B
B	23	12	11	23	15	8	0	8	148	726	3343	14624	78026	6638	1217	65	0	23	11	12	23	8	15	B
B	23	13	11	23	16	8	0	5	88	426	1905	6740	17431	6449	1217	65	0	23	11	13	23	8	16	B
B	23	13	10	23	16	7	0	5	88	426	1905	6858	55800	15124	2174	115	0	23	10	13	23	7	16	B
B	23	14	10	23	17	7	0	3	51	245	1075	3646	12382	11093	2172	115	0	23	10	14	23	7	17	B
B	23	14	9	23	17	6	0	3	51	245	1075	3650	17487	48551	4135	210	0	23	9	14	23	6	17	B
B	23	15	9	23	18	6	0	2	28	137	591	1938	6691	14980	4053	210	0	23	9	15	23	6	18	B
B	23	15	8	23	18	5	0	2	28	137	591	1938	6934	74406	9780	407	0	23	8	15	23	5	18	B
B	23	16	8	23	19	5	0	1	15	72	310	993	3270	12437	7538	407	0	23	8	16	23	5	19	B
B	23	16	7	23	19	4	0	1	15	72	310	993	3278	27253	35594	864	0	23	7	16	23	4	19	B
B	23	17	7	23	20	4	0	0	7	36	151	476	1502	6462	10966	860	0	23	7	17	23	4	20	B
B	23	17	6	23	20	3	0	0	7	36	151	476	1502	7406	67803	2190	0	23	6	17	23	3	20	B
B	23	18	6	23	21	3	0	0	3	15	65	203	621	2557	8692	1985	0	23	6	18	23	3	21	B
B	23	18	5	23	21	2	0	0	3	15	65	203	621	2581	23151	9673	0	23	5	18	23	2	21	B
B	23	19	5	23	22	2	0	0	1	5	23	70	210	815	3381	3995	0	23	5	19	23	2	22	B
B	23	19	4	23	22	1	0	0	1	5	23	70	210	815	4071	42830	0	23	4	19	23	1	22	B
B	23	20	4	23	23	1	0	0	0	1	5	15	45	167	671	3263	0	23	4	20	23	1	23	B
B	23	20	3	23	23	0	0	0	0	1	5	15	45	167	679	19795	0	23	3	20	23	0	23	B
												$\Delta\tau$ = 7												
A	23	10	13	23	14	10	0	0	1	13	264	6559	6651	1676	375	22	0	23	13	10	23	10	14	C
C	23	11	13	23	14	9	0	13	224	984	3819	8358	954	29	1	0	0	23	13	11	23	9	14	A
A	23	11	12	23	15	9	0	0	0	6	105	2087	10059	2904	634	37	0	23	12	11	23	9	15	C
C	23	12	12	23	15	8	0	8	134	581	2170	5918	3561	68	3	0	0	23	12	12	23	8	15	A
A	23	12	11	23	16	8	0	0	0	3	46	514	9489	5148	1095	64	0	23	11	12	23	8	16	C
C	23	13	11	23	16	7	0	5	79	341	1237	3361	5641	203	6	0	0	23	11	13	23	7	16	A
A	23	13	10	23	17	7	0	0	0	1	20	182	3647	8798	1954	112	0	23	10	13	23	7	17	C
C	23	14	10	23	17	6	0	3	46	196	699	1821	4281	902	16	0	0	23	10	14	23	6	17	A
A	23	14	9	23	18	6	0	0	0	1	9	73	791	11306	3644	205	0	23	9	14	23	6	18	C
C	23	15	9	23	18	5	0	2	26	109	384	969	2335	2455	50	0	0	23	9	15	23	5	18	A
A	23	15	8	23	19	5	0	0	0	0	4	29	226	6833	6755	397	0	23	8	15	23	5	19	C
C	23	16	8	23	19	4	0	1	14	58	202	497	1143	2423	260	0	0	23	8	16	23	4	19	A
A	23	16	7	23	20	4	0	0	0	0	1	11	76	1460	9527	839	0	23	7	16	23	4	20	C
C	23	17	7	23	20	3	0	0	7	28	98	238	525	1287	870	1	0	23	7	17	23	3	20	A
A	23	17	6	23	21	3	0	0	0	0	0	4	23	252	5869	1934	0	23	6	17	23	3	21	C
C	23	18	6	23	21	2	0	0	3	12	42	101	217	511	848	8	0	23	6	18	23	2	21	A
A	23	18	5	23	22	2	0	0	0	0	0	1	6	51	935	3876	0	23	5	18	23	2	22	C
C	23	19	5	23	22	1	0	0	1	4	15	35	73	163	337	61	0	23	5	19	23	1	22	A
A	23	19	4	23	23	1	0	0	0	0	0	0	1	7	69	2934	0	23	4	19	23	1	23	C
C	23	20	4	23	23	0	0	0	0	1	3	8	16	33	67	79	0	23	4	20	23	0	23	A
												$\Delta\tau$ = 9												
A	23	10	14	23	14	9	0	0	1	13	236	1019	116	4	0	0	0	23	14	10	23	9	14	C
C	23	10	13	23	15	9	0	0	0	1	25	616	477	29	1	0	0	23	13	10	23	9	15	A
A	23	11	13	23	15	8	0	0	0	6	104	815	571	11	0	0	0	23	13	11	23	8	15	C
C	23	11	12	23	16	8	0	0	0	0	8	147	672	66	3	0	0	23	12	11	23	8	16	A
A	23	12	12	23	16	7	0	0	0	3	46	419	1186	41	1	0	0	23	12	12	23	7	16	C
C	23	12	11	23	17	7	0	0	0	0	3	27	490	148	6	0	0	23	11	12	23	7	17	A
A	23	13	11	23	17	6	0	0	0	1	20	179	1070	242	4	0	0	23	11	13	23	6	17	C

J K_{-1} K_{+1} — J K_{-1} K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
C 23 13 10 23 18 6	0	0	0	0	1	7	137	266	16	0	0	23 10 13 23 6 18 A
A 23 14 10 23 18 5	0	0	0	1	9	73	558	881	18	0	0	23 10 14 23 5 18 C
C 23 14 9 23 19 5	0	0	0	0	0	2	21	274	39	0	0	23 9 14 23 5 19 A
A 23 15 9 23 19 4	0	0	0	0	4	29	218	1131	121	0	0	23 9 15 23 4 19 C
C 23 15 8 23 20 4	0	0	0	0	0	1	4	113	78	0	0	23 8 15 23 4 20 A
A 23 16 8 23 20 3	0	0	0	0	1	11	75	656	560	1	0	23 8 16 23 3 20 C
C 23 16 7 23 21 3	0	0	0	0	0	0	1	16	83	1	0	23 7 16 23 3 21 A
A 23 17 7 23 21 2	0	0	0	0	0	4	23	219	751	7	0	23 7 17 23 2 21 C
C 23 17 6 23 22 2	0	0	0	0	0	0	0	2	29	3	0	23 6 17 23 2 22 A
A 23 18 6 23 22 1	0	0	0	0	0	1	6	51	345	80	0	23 6 18 23 1 22 C
C 23 18 5 23 23 1	0	0	0	0	0	0	0	0	2	4	0	23 5 18 23 1 23 A
A 23 19 5 23 23 0	0	0	0	0	0	0	1	7	57	163	0	23 5 19 23 0 23 C
						$\Delta\tau$ = 10						
B 23 9 14 23 14 9	0	0	0	5	179	1958	179	5	0	0	0	23 14 9 23 9 14 B
B 23 10 14 23 15 9	0	0	0	2	34	199	90	5	0	0	0	23 14 10 23 9 15 B
B 23 10 13 23 15 8	0	0	0	2	38	1228	877	14	1	0	0	23 13 10 23 8 15 B
B 23 11 13 23 16 8	0	0	0	1	12	115	169	13	1	0	0	23 13 11 23 8 16 B
B 23 11 12 23 16 7	0	0	0	1	12	294	1788	52	1	0	0	23 12 11 23 7 16 B
B 23 12 12 23 17 7	0	0	0	0	4	45	187	38	1	0	0	23 12 12 23 7 17 B
B 23 12 11 23 17 6	0	0	0	0	4	55	1389	302	5	0	0	23 11 12 23 6 17 B
B 23 13 11 23 18 6	0	0	0	0	1	14	115	89	5	0	0	23 11 13 23 6 18 B
B 23 13 10 23 18 5	0	0	0	0	1	15	391	1096	19	0	0	23 10 13 23 5 18 B
B 23 14 10 23 19 5	0	0	0	0	0	4	43	129	15	0	0	23 10 14 23 5 19 B
B 23 14 9 23 19 4	0	0	0	0	0	4	61	1341	134	0	0	23 9 14 23 4 19 B
B 23 15 9 23 20 4	0	0	0	0	0	1	12	96	40	0	0	23 9 15 23 4 20 B
B 23 15 8 23 20 3	0	0	0	0	0	1	12	566	621	1	0	23 8 15 23 3 20 B
B 23 16 8 23 21 3	0	0	0	0	0	0	3	35	61	1	0	23 8 16 23 3 21 B
B 23 16 7 23 21 2	0	0	0	0	0	0	3	78	808	7	0	23 7 16 23 2 21 B
B 23 17 7 23 22 2	0	0	0	0	0	0	1	7	38	3	0	23 7 17 23 2 22 B
B 23 17 6 23 22 1	0	0	0	0	0	0	1	8	288	82	0	23 6 17 23 1 22 B
B 23 18 6 23 23 1	0	0	0	0	0	0	0	1	7	6	0	23 6 18 23 1 23 B
B 23 18 5 23 23 0	0	0	0	0	0	0	0	1	19	167	0	23 5 18 23 0 23 B
						$\Delta\tau$ = 11						
A 23 9 14 23 15 9	0	0	0	0	3	95	58	4	0	0	0	23 14 9 23 9 15 C
C 23 10 14 23 15 8	0	0	0	1	22	99	20	0	0	0	0	23 14 10 23 8 15 A
A 23 10 13 23 16 8	0	0	0	0	1	43	110	10	0	0	0	23 13 10 23 8 16 C
C 23 11 13 23 16 7	0	0	0	0	8	58	55	0	0	0	0	23 13 11 23 7 16 A
A 23 11 12 23 17 7	0	0	0	0	0	8	119	30	1	0	0	23 12 11 23 7 17 C
C 23 12 12 23 17 6	0	0	0	0	3	22	65	3	0	0	0	23 12 12 23 6 17 A
A 23 12 11 23 18 6	0	0	0	0	0	1	63	72	4	0	0	23 11 12 23 6 18 C
C 23 13 11 23 18 5	0	0	0	0	1	7	40	15	0	0	0	23 11 13 23 5 18 A
A 23 13 10 23 19 5	0	0	0	0	0	0	13	103	13	0	0	23 10 13 23 5 19 C
C 23 14 10 23 19 4	0	0	0	0	0	2	15	25	1	0	0	23 10 14 23 4 19 A
A 23 14 9 23 20 4	0	0	0	0	0	0	1	73	36	0	0	23 9 14 23 4 20 C
C 23 15 9 23 20 3	0	0	0	0	0	1	4	19	3	0	0	23 9 15 23 3 20 A
A 23 15 8 23 21 3	0	0	0	0	0	0	0	19	55	1	0	23 8 15 23 3 21 C
C 23 16 8 23 21 2	0	0	0	0	0	0	1	7	6	0	0	23 8 16 23 2 21 A
A 23 16 7 23 22 2	0	0	0	0	0	0	0	2	33	3	0	23 7 16 23 2 22 C
C 23 17 7 23 22 1	0	0	0	0	0	0	0	1	4	0	0	23 7 17 23 1 22 A
A 23 17 6 23 23 1	0	0	0	0	0	0	0	0	5	6	0	23 6 17 23 1 23 C
C 23 18 6 23 23 0	0	0	0	0	0	0	0	0	1	0	0	23 6 18 23 0 23 A
						$\Delta\tau$ = 13						
A 23 9 15 23 15 8	0	0	0	0	2	9	2	0	0	0	0	23 15 9 23 8 15 C
C 23 9 14 23 16 8	0	0	0	0	0	7	4	0	0	0	0	23 14 9 23 8 16 A
A 23 10 14 23 16 7	0	0	0	0	0	7	7	0	0	0	0	23 14 10 23 7 16 C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	23	10	13	23	17	7	0	0	0	0	0	2	6	0	0	0	0	23	13	10	23	7	17	A
A	23	11	13	23	17	6	0	0	0	0	0	3	10	0	0	0	0	23	13	11	23	6	17	C
C	23	11	12	23	18	6	0	0	0	0	0	0	4	1	0	0	0	23	12	11	23	6	18	A
A	23	12	12	23	18	5	0	0	0	0	0	1	8	3	0	0	0	23	12	12	23	5	18	C
C	23	12	11	23	19	5	0	0	0	0	0	0	2	2	0	0	0	23	11	12	23	5	19	A
A	23	13	11	23	19	4	0	0	0	0	0	0	4	7	0	0	0	23	11	13	23	4	19	C
C	23	13	10	23	20	4	0	0	0	0	0	0	0	2	0	0	0	23	10	13	23	4	20	A
A	23	14	10	23	20	3	0	0	0	0	0	0	1	7	1	0	0	23	10	14	23	3	20	C
C	23	14	9	23	21	3	0	0	0	0	0	0	0	1	0	0	0	23	9	14	23	3	21	A
A	23	15	9	23	21	2	0	0	0	0	0	0	0	3	3	0	0	23	9	15	23	2	21	C
A	23	16	8	23	22	1	0	0	0	0	0	0	0	1	2	0	0	23	8	16	23	1	22	C
A	23	17	7	23	23	0	0	0	0	0	0	0	0	0	1	0	0	23	7	17	23	0	23	C
												Δτ = 14												
B	23	8	15	23	15	8	0	0	0	0	3	18	3	0	0	0	0	23	15	8	23	8	15	B
B	23	9	15	23	16	8	0	0	0	0	0	1	1	0	0	0	0	23	15	9	23	8	16	B
B	23	9	14	23	16	7	0	0	0	0	0	13	10	0	0	0	0	23	14	9	23	7	16	B
B	23	10	14	23	17	7	0	0	0	0	0	1	1	0	0	0	0	23	14	10	23	7	17	B
B	23	10	13	23	17	6	0	0	0	0	0	5	16	1	0	0	0	23	13	10	23	6	17	B
B	23	11	13	23	18	6	0	0	0	0	0	0	1	0	0	0	0	23	13	11	23	6	18	B
B	23	11	12	23	18	5	0	0	0	0	0	1	13	4	0	0	0	23	12	11	23	5	18	B
B	23	12	12	23	19	5	0	0	0	0	0	0	1	0	0	0	0	23	12	12	23	5	19	B
B	23	12	11	23	19	4	0	0	0	0	0	0	5	8	0	0	0	23	11	12	23	4	19	B
B	23	13	11	23	20	4	0	0	0	0	0	0	0	1	0	0	0	23	11	13	23	4	20	B
B	23	13	10	23	20	3	0	0	0	0	0	0	1	9	1	0	0	23	10	13	23	3	20	B
B	23	14	9	23	21	2	0	0	0	0	0	0	0	4	3	0	0	23	9	14	23	2	21	B
B	23	15	8	23	22	1	0	0	0	0	0	0	0	1	3	0	0	23	8	15	23	1	22	B
B	23	16	7	23	23	0	0	0	0	0	0	0	0	0	1	0	0	23	7	16	23	0	23	B
												Δτ = 15												
A	23	8	15	23	16	8	0	0	0	0	0	1	0	0	0	0	0	23	15	8	23	8	16	C
C	23	9	15	23	16	7	0	0	0	0	0	1	0	0	0	0	0	23	15	9	23	7	16	A
A	23	9	14	23	17	7	0	0	0	0	0	0	1	0	0	0	0	23	14	9	23	7	17	C
A	23	10	13	23	18	6	0	0	0	0	0	0	1	0	0	0	0	23	13	10	23	6	18	C
J=23			ΔJ = 1																					
												Δτ = 0												
B	23	12	11	24	13	12	1387500	1367390	1301246	1195493	973047	619339	810631	1087796	1212393	1289239	1312500	23	11	12	24	12	13	B
B	23	13	10	24	14	11	1464583	1447170	1390072	1299613	1115433	803576	639437	973487	1122644	1212544	1239583	23	10	13	24	11	14	B
B	23	14	9	24	15	10	1543750	1528694	1479439	1401895	1247058	1001533	606558	846698	1030579	1137044	1168750	23	9	14	24	10	15	B
B	23	15	8	24	16	9	1625000	1612044	1569735	1503423	1372663	1173446	795018	699844	933683	1062321	1100000	23	8	15	24	9	16	B
B	23	16	7	24	17	8	1708333	1697280	1661232	1604922	1494822	1330941	1039223	599613	827054	987662	1033333	23	7	16	24	8	17	B
B	23	17	6	24	18	7	1793750	1784445	1754131	1706896	1615094	1480435	1251474	725848	703087	911748	968750	23	6	17	24	7	18	B
B	23	18	5	24	19	6	1881250	1873572	1848579	1809711	1734500	1625249	1444153	1034463	613698	831866	906250	23	5	18	24	6	19	B
B	23	19	4	24	20	5	1970833	1964686	1944689	1913638	1853749	1767342	1626302	1326183	764902	742225	845833	23	4	19	24	5	20	B
B	23	20	3	24	21	4	2062500	2057806	2042548	2018882	1973352	1907979	1802325	1584604	1165890	652309	787500	23	3	20	24	4	21	B
B	23	21	2	24	22	3	2156250	2152949	2142224	2125605	2093692	2048031	1974721	1826322	1558875	763055	731250	23	2	21	24	3	22	B
B	23	22	1	24	23	2	2252083	2250127	2243772	2233931	2215061	2188126	2145069	2058800	1908012	1331676	677083	23	1	22	24	2	23	B
B	23	23	0	24	24	1	2350000	2349349	2347235	2343962	2337687	2328735	2314442	2285891	2236441	2054980	1250000	23	0	23	24	1	24	B
												Δτ = 1												
C	23	0	23	24	1	23	1250000	413870	267900	229188	209603	201760	198109	196442	195969	195841	195833	23	23	0	24	23	1	A
C	23	1	23	24	2	23	677083	407889	267900	229188	209603	201760	198109	196442	195969	195841	195833	23	23	1	24	23	2	A
C	23	1	22	24	2	22	677083	892460	524452	448632	410281	394931	387786	384525	383599	383349	383333	23	22	1	24	22	2	A
C	23	2	22	24	3	22	731250	738873	524407	448632	410281	394931	387786	384525	383599	383349	383333	23	22	2	24	22	3	A
C	23	2	21	24	3	21	731250	1156971	770490	658438	602050	579514	569030	564247	562889	562522	562500	23	21	2	24	21	3	A
C	23	3	21	24	4	21	787500	893006	768586	658436	602050	579514	569030	564247	562889	562522	562500	23	21	3	24	21	4	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	23	3	20	24	4	20	787500	962014	1034809	858800	784937	755513	741843	735610	733840	733363	733333	23	20	3	24	20	4	A
C	23	4	20	24	5	20	845833	938222	985478	858753	784937	755513	741843	735610	733840	733363	733333	23	20	4	24	20	5	A
C	23	4	19	24	5	19	845833	941588	1339655	1050276	958997	922936	906225	898612	896452	895869	895833	23	19	4	24	19	5	A
C	23	5	19	24	6	19	906250	976114	1125933	1048984	958996	922936	906225	898612	896452	895869	895833	23	19	5	24	19	6	A
C	23	5	18	24	6	18	906250	976231	1285028	1249663	1124327	1081796	1062175	1053254	1050725	1050042	1050000	23	18	5	24	18	6	A
C	23	6	18	24	7	18	968750	1023333	1180606	1220114	1124318	1081796	1062175	1053254	1050725	1050042	1050000	23	18	6	24	18	7	A
C	23	6	17	24	7	17	968750	1023335	1196444	1501824	1281090	1232119	1209697	1199535	1196658	1195881	1195833	23	17	6	24	17	7	A
C	23	7	17	24	8	17	1033333	1077501	1210670	1340119	1280893	1232119	1209697	1199535	1196658	1195881	1195833	23	17	7	24	17	8	A
C	23	7	16	24	8	16	1033333	1077501	1211682	1508184	1431139	1373952	1348794	1337455	1334251	1333386	1333333	23	16	7	24	16	8	A
C	23	8	16	24	9	16	1100000	1136653	1247711	1394747	1426661	1373949	1348794	1337455	1334251	1333386	1333333	23	16	8	24	16	9	A
C	23	8	15	24	9	15	1100000	1136653	1247766	1417057	1609778	1507365	1479474	1467013	1463504	1462558	1462500	23	15	8	24	15	9	A
C	23	9	15	24	10	15	1168750	1199710	1293705	1424383	1548087	1507306	1479474	1467013	1463504	1462558	1462500	23	15	9	24	15	10	A
C	23	9	14	24	10	14	1168750	1199710	1293708	1426062	1759822	1632718	1601752	1588209	1584416	1583396	1583333	23	14	9	24	14	10	A
C	23	10	14	24	11	14	1239583	1266057	1346590	1458594	1621780	1631443	1601752	1588209	1584416	1583396	1583333	23	14	10	24	14	11	A
C	23	10	13	24	11	13	1239583	1266057	1346590	1458709	1690733	1763691	1715647	1701041	1696988	1695900	1695833	23	13	10	24	13	11	A
C	23	11	13	24	12	13	1312500	1335317	1404863	1501385	1657508	1739878	1715633	1701041	1696988	1695900	1695833	23	13	11	24	13	12	A
C	23	11	12	24	12	12	1312500	1335317	1404863	1501392	1664103	1915533	1821181	1805508	1801217	1800070	1800000	23	12	11	24	12	12	A
C	23	12	12	24	13	12	1387500	1407254	1467565	1551230	1687579	1815263	1820871	1805508	1801217	1800070	1800000	23	12	12	24	12	13	A
C	23	12	11	24	13	11	1387500	1407254	1467565	1551230	1688108	1908367	1921720	1901606	1897101	1895906	1895833	23	11	12	24	11	13	A
C	23	13	11	24	14	11	1464583	1481707	1534067	1606735	1724612	1855207	1914783	1901605	1897101	1895906	1895833	23	11	13	24	11	14	A
C	23	13	10	24	14	10	1464583	1481707	1534067	1606735	1724649	1867079	2042506	1989309	1984638	1983408	1983333	23	10	13	24	10	14	A
C	23	14	10	24	15	10	1543750	1558568	1603935	1666957	1768881	1884280	1986759	1989286	1984638	1983408	1983333	23	10	14	24	10	15	A
C	23	14	9	24	15	9	1543750	1558568	1603935	1666957	1768883	1885259	2086856	2068640	2063817	2062575	2062500	23	9	14	24	9	15	A
C	23	15	9	24	16	9	1625000	1637760	1676866	1731250	1819104	1918103	2029185	2068066	2063817	2062575	2062500	23	9	15	24	9	16	A
C	23	15	8	24	16	8	1625000	1637760	1676866	1731250	1819104	1918177	2048218	2146370	2134612	2133406	2133333	23	8	15	24	8	16	A
C	23	16	8	24	17	8	1708333	1719225	1752638	1799155	1874293	1958596	2057442	2134470	2134608	2133406	2133333	23	8	16	24	8	17	A
C	23	16	7	24	17	7	1708333	1719225	1752638	1799155	1874293	1958600	2059027	2223074	2196944	2195899	2195833	23	7	16	24	7	17	A
C	23	17	7	24	18	7	1793750	1802923	1831086	1870334	1933764	2004777	2087901	2180601	2196818	2195899	2195833	23	7	17	24	7	18	A
C	23	17	6	24	18	6	1793750	1802923	1831086	1870334	1933764	2004777	2088021	2219609	2252678	2250047	2250000	23	6	17	24	6	18	A
C	23	18	6	24	19	6	1881250	1888822	1912085	1944536	1997021	2055741	2124172	2209005	2248912	2250047	2250000	23	6	18	24	6	19	A
C	23	18	5	24	19	5	1881250	1888822	1912085	1944536	1997021	2055741	2124179	2213172	2307146	2295826	2295833	23	5	18	24	5	19	A
C	23	19	5	24	20	5	1970833	1976898	1995539	2021567	2063700	2110845	2165659	2234392	2286386	2295824	2295833	23	5	19	24	5	20	A
C	23	19	4	24	20	4	1970833	1976898	1995539	2021567	2063700	2110845	2165659	2234690	2316240	2333169	2333333	23	4	19	24	4	20	A
C	23	20	4	24	21	4	2062500	2067131	2081374	2101276	2133522	2169623	2211567	2264000	2310368	2333051	2333333	23	4	20	24	4	21	A
C	23	20	3	24	21	3	2062500	2067131	2081374	2101276	2133522	2169623	2211567	2264017	2313780	2363829	2362500	23	3	20	24	3	21	A
C	23	21	3	24	22	3	2156250	2159508	2169530	2183543	2206268	2231730	2261316	2298228	2331650	2360668	2362500	23	3	21	24	3	22	A
C	23	21	2	24	22	2	2156250	2159508	2169530	2183543	2206268	2231730	2261316	2298229	2331851	2381108	2383333	23	2	21	24	2	22	A
C	23	22	2	24	23	2	2252083	2254015	2259958	2268273	2281766	2296897	2314487	2336423	2356283	2378475	2383333	23	2	22	24	2	23	A
C	23	22	1	24	23	1	2252083	2254015	2259958	2268273	2281766	2296897	2314487	2336423	2356291	2382326	2395833	23	1	22	24	1	23	A
C	23	23	1	24	24	1	2350000	2350643	2352620	2355387	2359877	2364913	2370766	2378062	2384659	2392502	2395833	23	1	23	24	1	24	A
C	23	23	0	24	24	0	2349999	2350642	2352620	2355387	2359877	2364913	2370766	2378062	2384659	2392641	2400000	23	0	23	24	0	24	A
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B	23	1	23	24	2	22	677083	40639	9476	5577	3804	3047	2618	2337	2198	2110	2083	23	23	1	24	22	2	B
B	23	2	22	24	3	21	731250	243705	29666	17030	11487	9165	7859	7012	6593	6330	6250	23	22	2	24	21	3	B
B	23	3	21	24	4	20	787500	580300	65753	34742	23139	18376	15729	14024	13184	12659	12500	23	21	3	24	20	4	B
B	23	4	20	24	5	19	845833	738695	169968	59198	38854	30701	26227	23369	21968	21097	20833	23	20	4	24	19	5	B
B	23	5	19	24	6	18	906250	831745	441803	93308	58721	46153	39345	35038	32941	31641	31250	23	19	5	24	18	6	B
B	23	6	18	24	7	17	968750	911745	686118	176056	82757	64723	55066	49017	46094	44292	43750	23	18	6	24	17	7	B
B	23	7	17	24	8	16	1033333	987662	825945	408025	110981	86347	73346	65280	61414	59043	58333	23	17	7	24	16	8	B
B	23	8	16	24	9	15	1100000	1062321	933623	675348	153255	110821	94105	83785	78880	75891	75000	23	16	8	24	15	9	B
B	23	9	15	24	10	14	1168750	1137044	1030576	844764	282697	137624	117177	104459	98456	94826	93750	23	15	9	24	14	10	B
B	23	10	14	24	11	13	1239583	1212544	1122644	973354	559403	169416	142214	127182	120090	115836	114583	23	14	10	24	13	11	B
B	23	11	13	24	12	12	1312500	1289239	1212393	1087789	802535	253988	168442	151745	143693	138900	137500	23	13	11	24	12	12	B
B	23	12	12	24	13	11	1387500	1367390	1301246	1195493	972377	494777	195297	177758	169120	163984	162500	23	12	12	24	11	13	B
B	23	13	11	24	14	10	1464583	1447170	1390072	1299613	1115386	787613	248016	204444	196121	191034	189583	23	11	13	24	10	14	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	23	14	10	24	15	9	1543750	1528694	1479439	1401895	1247055	1000139	436581	230204	224241	219954	218750	23	10	14	24	9	15	B
B	23	15	9	24	16	8	1625000	1612044	1569735	1503423	1372662	1173340	765423	257111	252579	250581	250000	23	9	15	24	8	16	B
B	23	16	8	24	17	7	1708333	1697280	1661232	1604922	1494822	1330935	1036569	349652	279233	282601	283333	23	8	16	24	7	17	B
B	23	17	7	24	18	6	1793750	1784445	1754131	1706896	1615094	1480434	1251270	645414	302943	315384	318750	23	7	17	24	6	18	B
B	23	18	6	24	19	5	1881250	1873572	1848579	1809711	1734500	1625249	1444141	1025549	376097	347500	356250	23	6	18	24	5	19	B
B	23	19	5	24	20	4	1970833	1964686	1944689	1913638	1853749	1767342	1626302	1325520	675913	375751	395833	23	5	19	24	4	20	B
B	23	20	4	24	21	3	2062500	2057806	2042548	2018882	1973352	1907979	1802325	1584566	1155563	412343	437500	23	4	20	24	3	21	B
B	23	21	3	24	22	2	2156250	2152949	2142224	2125605	2093692	2048031	1974721	1826320	1558245	639056	481250	23	3	21	24	2	22	B
B	23	22	2	24	23	1	2252083	2250127	2243772	2233931	2215061	2188126	2145069	2058800	1907988	1308244	527083	23	2	22	24	1	23	B
B	23	23	1	24	24	0	2349997	2349349	2347235	2343962	2337687	2328735	2314442	2285891	2236441	2054101	1150000	23	1	23	24	0	24	B
												Δτ = 3												
A	23	0	23	24	2	22	0	1021	952	1118	1333	1525	1702	1870	1978	2057	2083	23	23	0	24	22	2	C
A	23	1	23	24	3	22	0	683	952	1118	1333	1525	1702	1870	1978	2057	2083	23	23	1	24	22	3	C
A	23	1	22	24	3	21	0	4570	3021	3433	4037	4593	5116	5614	5935	6172	6250	23	22	1	24	21	3	C
A	23	2	22	24	4	21	0	1299	3003	3433	4037	4593	5116	5614	5935	6172	6250	23	22	2	24	21	4	C
A	23	2	21	24	4	20	0	2951	6896	7084	8174	9238	10256	11237	11874	12345	12500	23	21	2	24	20	4	C
A	23	3	21	24	5	20	0	1107	6212	7082	8174	9238	10256	11237	11874	12345	12500	23	21	3	24	20	5	C
A	23	3	20	24	5	19	0	1219	17197	12332	13844	15508	17148	18751	19799	20576	20833	23	20	3	24	19	5	C
A	23	4	20	24	6	19	0	776	9245	12287	13844	15508	17148	18751	19799	20576	20833	23	20	4	24	19	6	C
A	23	4	19	24	6	18	0	780	22892	20235	21214	23481	25830	28170	29716	30868	31250	23	19	4	24	18	6	C
A	23	5	19	24	7	18	0	565	9399	19075	21213	23481	25830	28170	29716	30868	31250	23	19	5	24	18	7	C
A	23	5	18	24	7	17	0	565	11943	38621	30580	33282	36360	39520	41636	43222	43750	23	18	5	24	17	7	C
A	23	6	18	24	8	17	0	432	7646	25306	30558	33282	36360	39520	41636	43222	43750	23	18	6	24	17	8	C
A	23	6	17	24	8	16	0	432	7793	55788	42625	45115	48831	52840	55575	57642	58333	23	17	6	24	16	8	C
A	23	7	17	24	9	16	0	342	6028	26170	42175	45114	48831	52840	55575	57642	58333	23	17	7	24	16	9	C
A	23	7	16	24	9	15	0	342	6035	34265	62539	59329	63387	68188	71558	74134	75000	23	16	7	24	15	9	C
A	23	8	16	24	10	15	0	278	4861	22444	54859	59312	63387	68188	71558	74134	75000	23	16	8	24	15	10	C
A	23	8	15	24	10	14	0	278	4861	23051	106081	76624	80263	85657	89624	92707	93750	23	15	8	24	14	10	C
A	23	9	15	24	11	14	0	230	4001	18396	62008	76321	80262	85657	89624	92707	93750	23	15	9	24	14	11	C
A	23	9	14	24	11	13	0	230	4001	18428	101488	100729	99854	105389	109831	113374	114583	23	14	9	24	13	11	C
A	23	10	14	24	12	13	0	192	3341	15225	58111	95437	99843	105389	109831	113374	114583	23	14	10	24	13	12	C
A	23	10	13	24	12	12	0	192	3341	15227	64002	155315	122894	127616	132275	136156	137500	23	13	10	24	12	12	C
A	23	11	13	24	13	12	0	162	2816	12758	49271	109456	122713	127616	132275	136156	137500	23	13	11	24	12	13	C
A	23	11	12	24	13	11	0	162	2816	12758	49639	188497	151876	152722	157104	161086	162500	23	12	11	24	11	13	C
A	23	12	12	24	14	11	0	137	2385	10771	41171	107015	148812	152720	157104	161086	162500	23	12	12	24	11	14	C
A	23	12	11	24	14	10	0	137	2385	10771	41193	126025	209040	181383	184565	188221	189583	23	11	12	24	10	14	C
A	23	13	11	24	15	10	0	117	2024	9122	34575	92637	171626	181340	184565	188221	189583	23	11	13	24	10	15	C
A	23	13	10	24	15	9	0	117	2024	9122	34576	94024	292203	215032	215079	217653	218750	23	10	13	24	9	15	C
A	23	14	10	24	16	9	0	99	1715	7718	29099	77431	173689	214263	215078	217653	218750	23	10	14	24	9	16	C
A	23	14	9	24	16	8	0	99	1715	7718	29099	77512	223117	262124	249402	249541	250000	23	9	14	24	8	16	C
A	23	15	9	24	17	8	0	83	1445	6498	24419	64454	152769	249200	249377	249541	250000	23	9	15	24	8	17	C
A	23	15	8	24	17	7	0	83	1445	6498	24419	64458	157303	373092	289092	284181	283333	23	8	15	24	7	17	C
A	23	16	8	24	18	7	0	70	1206	5420	20326	53365	126329	268055	288572	284181	283333	23	8	16	24	7	18	C
A	23	16	7	24	18	6	0	70	1206	5420	20326	53365	126576	410164	341124	322138	318750	23	7	16	24	6	18	C
A	23	17	7	24	19	6	0	57	991	4453	16675	43637	102533	246717	331295	322137	318750	23	7	17	24	6	19	C
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A	23	18	5	24	20	4	0	46	796	3573	13369	34914	81623	201977	557886	414995	395833	23	5	18	24	4	20	C
A	23	19	5	24	21	4	0	36	615	2763	10334	26956	62827	153557	320933	412770	395833	23	5	19	24	4	21	C
A	23	19	4	24	21	3	0	36	615	2763	10334	26956	62827	153620	366243	505069	437500	23	4	19	24	3	21	C
A	23	20	4	24	22	3	0	26	448	2011	7517	19594	45589	110888	240376	453897	437500	23	4	20	24	3	22	C
A	23	20	3	24	22	2	0	26	448	2011	7517	19594	45589	110890	242483	735295	481250	23	3	20	24	2	22	C
A	23	21	3	24	23	2	0	17	291	1305	4876	12705	29535	71653	155264	406978	481250	23	3	21	24	2	23	C
A	23	21	2	24	23	1	0	17	291	1305	4876	12705	29535	71653	155323	554860	527083	23	2	21	24	1	23	C
A	23	22	2	24	24	1	0	8	142	637	2379	6198	14402	34901	75480	223559	527083	23	2	22	24	1	24	C

	J	K₋₁	K₊₁	J	K₋₁	K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K₋₁	K₊₁	J	K₋₁	K₊₁	
A	23	22	1	24	24	0	0	8	142	637	2379	6198	14402	34901	75481	229762	1150000	23	1	22	24	0	24	C
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B	23	1	22	24	4	21	0	31195	29470	17030	11487	9165	7859	7012	6593	6330	6250	23	22	1	24	21	4	B
B	23	2	21	24	5	20	0	7181	58230	34734	23139	18376	15729	14024	13184	12659	12500	23	21	2	24	20	5	B
B	23	3	20	24	6	19	0	1779	69053	58937	38854	30701	26227	23369	21968	21097	20833	23	20	3	24	19	6	B
B	23	4	19	24	7	18	0	769	30915	86787	58718	46153	39345	35038	32941	31641	31250	23	19	4	24	18	7	B
B	23	5	18	24	8	17	0	398	9294	94332	82683	64723	55066	49017	46094	44292	43750	23	18	5	24	17	8	B
B	23	6	17	24	9	16	0	226	4369	49118	109475	86345	73346	65280	61414	59043	58333	23	17	6	24	16	9	B
B	23	7	16	24	10	15	0	136	2551	16819	128128	110781	94105	83785	78880	75891	75000	23	16	7	24	15	10	B
B	23	8	15	24	11	14	0	86	1589	8357	99081	136898	117176	104459	98456	94826	93750	23	15	8	24	14	11	B
B	23	9	14	24	12	13	0	56	1028	5172	39993	157239	142195	127182	120090	115836	114583	23	14	9	24	13	12	B
B	23	10	13	24	13	12	0	38	683	3367	17034	137663	168108	151744	143693	138900	137500	23	13	10	24	12	13	B
B	23	11	12	24	14	11	0	25	461	2245	10214	65126	189777	177755	169120	163984	162500	23	12	11	24	11	14	B
B	23	12	11	24	15	10	0	17	314	1517	6679	25940	180228	204380	196121	191034	189583	23	11	12	24	10	15	B
B	23	13	10	24	16	9	0	12	214	1030	4446	14673	100682	229064	224240	219954	218750	23	10	13	24	9	16	B
B	23	14	9	24	17	8	0	8	145	696	2967	9419	37975	238628	252548	250581	250000	23	9	14	24	8	17	B
B	23	15	8	24	18	7	0	5	97	464	1963	6099	19188	181887	278566	282601	283333	23	8	15	24	7	18	B
B	23	16	7	24	19	6	0	4	63	303	1272	3897	11642	73251	290540	315382	318750	23	7	16	24	6	19	B
B	23	17	6	24	20	5	0	2	40	190	796	2414	7034	27840	232231	347424	356250	23	6	17	24	5	20	B
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B	23	19	4	24	22	3	0	1	13	61	252	755	2140	7237	27518	354765	437500	23	4	19	24	3	22	B
B	23	20	3	24	23	2	0	0	6	27	114	339	953	3151	10317	171167	481250	23	3	20	24	2	23	B
B	23	21	2	24	24	1	0	0	2	8	34	102	286	931	2936	26207	527083	23	2	21	24	1	24	B
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C	23	1	23	24	4	21	0	2173	502	152	50	19	7	2	0	0	0	23	23	1	24	21	4	A
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C	23	2	22	24	5	20	0	2892	2420	697	219	84	31	8	2	0	0	23	22	2	24	20	5	A
C	23	2	21	24	5	19	0	6994	13307	2056	609	230	83	22	5	0	0	23	21	2	24	19	5	A
C	23	3	21	24	6	19	0	1573	6277	2048	609	230	83	22	5	0	0	23	21	3	24	19	6	A
C	23	3	20	24	6	18	0	1736	43421	5206	1377	507	181	47	10	1	0	23	20	3	24	18	6	A
C	23	4	20	24	7	18	0	747	8532	4877	1377	507	181	47	10	1	0	23	20	4	24	18	7	A
C	23	4	19	24	7	17	0	750	27248	15615	2776	987	348	90	20	1	0	23	19	4	24	17	7	A
C	23	5	19	24	8	17	0	388	6482	9325	2774	987	348	90	20	1	0	23	19	5	24	17	8	A
C	23	5	18	24	8	16	0	388	8402	45722	5286	1779	615	157	35	2	0	23	18	5	24	16	8	A
C	23	6	18	24	9	16	0	220	3862	12068	5223	1779	615	157	35	2	0	23	18	6	24	16	9	A
C	23	6	17	24	9	15	0	220	3940	37707	10661	3058	1031	261	57	3	0	23	17	6	24	15	9	A
C	23	7	17	24	10	15	0	133	2296	9988	9148	3057	1031	261	57	3	0	23	17	7	24	15	10	A
C	23	7	16	24	10	14	0	133	2298	13581	28592	5135	1664	415	91	5	0	23	16	7	24	14	10	A
C	23	8	16	24	11	14	0	84	1430	6530	13265	5112	1664	415	91	5	0	23	16	8	24	14	11	A
C	23	8	15	24	11	13	0	84	1430	6721	50983	8858	2628	643	140	8	0	23	15	8	24	13	11	A
C	23	9	15	24	12	13	0	55	925	4140	13523	8313	2628	643	140	8	0	23	15	9	24	13	12	A
C	23	9	14	24	12	12	0	55	925	4148	26121	19483	4114	976	211	12	0	23	14	9	24	12	12	A
C	23	10	14	24	13	12	0	37	614	2697	10049	12169	4107	976	211	12	0	23	14	10	24	12	13	A
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C	23	11	13	24	14	11	0	25	415	1798	6629	13545	6380	1469	314	18	0	23	13	11	24	11	14	A
C	23	11	12	24	14	10	0	25	415	1798	6684	31902	12141	2206	464	26	0	23	12	11	24	10	14	A
C	23	12	12	24	15	10	0	17	282	1214	4355	10848	9417	2205	464	26	0	23	12	12	24	10	15	A
C	23	12	11	24	15	9	0	17	282	1214	4357	13234	29038	3348	686	39	0	23	11	12	24	9	15	A
C	23	13	11	24	16	9	0	12	192	824	2895	7292	11331	3334	686	39	0	23	11	13	24	9	16	A
C	23	13	10	24	16	8	0	12	192	824	2895	7418	32121	5353	1022	57	0	23	10	13	24	8	16	A
C	23	14	10	24	17	8	0	8	131	557	1931	4731	9750	5032	1022	57	0	23	10	14	24	8	17	A
C	23	14	9	24	17	7	0	8	131	557	1931	4736	13613	11209	1550	85	0	23	9	14	24	7	17	A
C	23	15	9	24	18	7	0	5	87	371	1277	3059	6585	6908	1547	85	0	23	9	15	24	7	18	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 23 15 8 24 18 6	0	5	87	371	1277	3059	6820	23414	2464	130	0	23 8 15 24 6 18 A
C 23 16 8 24 19 6	0	3	57	242	827	1952	4096	7045	2378	130	0	23 8 16 24 6 19 A
C 23 16 7 24 19 5	0	3	57	242	827	1952	4106	14582	4965	204	0	23 7 16 24 5 19 A
C 23 17 7 24 20 5	0	2	36	152	517	1208	2471	4981	3426	204	0	23 7 17 24 5 20 A
C 23 17 6 24 20 4	0	2	36	152	517	1208	2471	5688	12076	336	0	23 6 17 24 4 20 A
C 23 18 6 24 21 4	0	1	21	90	305	708	1422	2846	3612	334	0	23 6 18 24 4 21 A
C 23 18 5 24 21 3	0	1	21	90	305	708	1422	2871	8777	639	0	23 5 18 24 3 21 A
C 23 19 5 24 22 3	0	1	11	48	164	378	750	1453	2338	562	0	23 5 19 24 3 22 A
C 23 19 4 24 22 2	0	1	11	48	164	378	750	1453	2799	1930	0	23 4 19 24 2 22 A
C 23 20 4 24 23 2	0	0	5	22	74	170	334	631	1027	739	0	23 4 20 24 2 23 A
C 23 20 3 24 23 1	0	0	5	22	74	170	334	631	1038	3265	0	23 3 20 24 1 23 A
C 23 21 3 24 24 1	0	0	2	7	22	51	100	186	294	396	0	23 3 21 24 1 24 A
C 23 21 2 24 24 0	0	0	2	7	22	51	100	186	294	655	0	23 2 21 24 0 24 A
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B 23 1 23 24 4 20	0	2000	56	10	2	1	0	0	0	0	0	23 23 1 24 20 4 B
B 23 2 22 24 5 19	0	2945	662	64	14	4	1	0	0	0	0	23 22 2 24 19 5 B
B 23 3 21 24 6 18	0	1612	4599	276	51	15	5	1	0	0	0	23 21 3 24 18 6 B
B 23 4 20 24 7 17	0	766	8929	1302	151	43	13	3	1	0	0	23 20 4 24 17 7 B
B 23 5 19 24 8 16	0	398	7141	6461	407	107	31	7	1	0	0	23 19 5 24 16 8 B
B 23 6 18 24 9 15	0	226	4282	13480	1137	246	70	16	3	0	0	23 18 6 24 15 9 B
B 23 7 17 24 10 14	0	136	2549	12243	4358	545	146	32	7	0	0	23 17 7 24 14 10 B
B 23 8 16 24 11 13	0	86	1589	8116	14213	1240	296	63	13	1	0	23 16 8 24 13 11 B
B 23 9 15 24 12 12	0	56	1028	5162	19396	3685	594	121	24	1	0	23 15 9 24 12 12 B
B 23 10 14 24 13 11	0	38	683	3366	15195	13110	1218	230	45	2	0	23 14 10 24 11 13 B
B 23 11 13 24 14 10	0	25	461	2245	10128	23575	2980	438	85	5	0	23 13 11 24 10 14 B
B 23 12 12 24 15 9	0	17	314	1517	6675	21017	10397	852	158	9	0	23 12 12 24 9 15 B
B 23 13 11 24 16 8	0	12	214	1030	4445	14414	25062	1778	302	16	0	23 11 13 24 8 16 B
B 23 14 10 24 17 7	0	8	145	696	2967	9407	26386	5081	596	31	0	23 10 14 24 7 17 B
B 23 15 9 24 18 6	0	5	97	464	1963	6099	18496	18116	1264	62	0	23 9 15 24 6 18 B
B 23 16 8 24 19 5	0	4	63	303	1272	3897	11615	30710	3555	131	0	23 8 16 24 5 19 B
B 23 17 7 24 20 4	0	2	40	190	796	2414	7033	24167	14571	304	0	23 7 17 24 4 20 B
B 23 18 6 24 21 3	0	1	24	113	470	1415	4056	14084	30290	856	0	23 6 18 24 3 21 B
B 23 19 5 24 22 2	0	1	13	61	252	755	2140	7233	22707	4296	0	23 5 19 24 2 22 B
B 23 20 4 24 23 1	0	0	6	27	114	339	953	3151	10196	19555	0	23 4 20 24 1 23 B
B 23 21 3 24 24 0	0	0	2	8	34	102	286	931	2934	15303	0	23 3 21 24 0 24 B
						Δτ = 7						
A 23 0 23 24 4 20	0	48	6	2	1	0	0	0	0	0	0	23 23 0 24 20 4 C
A 23 1 23 24 5 20	0	3	5	2	1	0	0	0	0	0	0	23 23 1 24 20 5 C
A 23 1 22 24 5 19	0	45	66	13	5	2	1	0	0	0	0	23 22 1 24 19 5 C
A 23 2 22 24 6 19	0	3	31	13	5	2	1	0	0	0	0	23 22 2 24 19 6 C
A 23 2 21 24 6 18	0	7	452	55	18	8	3	1	0	0	0	23 21 2 24 18 6 C
A 23 3 21 24 7 18	0	1	74	52	18	8	3	1	0	0	0	23 21 3 24 18 7 C
A 23 3 20 24 7 17	0	1	715	260	53	21	8	2	1	0	0	23 20 3 24 17 7 C
A 23 4 20 24 8 17	0	0	75	154	53	21	8	2	1	0	0	23 20 4 24 17 8 C
A 23 4 19 24 8 16	0	0	247	1273	142	53	20	6	1	0	0	23 19 4 24 16 8 C
A 23 5 19 24 9 16	0	0	41	290	141	53	20	6	1	0	0	23 19 5 24 16 9 C
A 23 5 18 24 9 15	0	0	53	2244	398	123	45	12	3	0	0	23 18 5 24 15 9 C
A 23 6 18 24 10 15	0	0	18	300	341	123	45	12	3	0	0	23 18 6 24 15 10 C
A 23 6 17 24 10 14	0	0	19	1006	1523	273	95	26	6	0	0	23 17 6 24 14 10 C
A 23 7 17 24 11 14	0	0	8	187	677	271	95	26	6	0	0	23 17 7 24 14 11 C
A 23 7 16 24 11 13	0	0	8	256	4700	621	192	50	12	1	0	23 16 7 24 13 11 C
A 23 8 16 24 12 13	0	0	4	94	893	582	192	50	12	1	0	23 16 8 24 13 12 C
A 23 8 15 24 12 12	0	0	4	97	4434	1844	386	97	22	1	0	23 15 8 24 12 12 C
A 23 9 15 24 13 12	0	0	2	46	716	1129	386	97	22	1	0	23 15 9 24 12 13 C
A 23 9 14 24 13 11	0	0	2	47	1424	6390	792	184	41	2	0	23 14 9 24 11 13 C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	23	10	14	24	14	11	0	0	1	24	408	1628	773	184	41	2	0	23	14	10	24	11	14	C
A	23	10	13	24	14	10	0	0	1	24	456	9068	1940	351	76	4	0	23	13	10	24	10	14	C
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A	23	11	12	24	15	9	0	0	1	13	211	3738	6702	682	143	8	0	23	12	11	24	9	15	C
A	23	12	12	24	16	9	0	0	0	7	108	904	2345	679	143	8	0	23	12	12	24	9	16	C
A	23	12	11	24	16	8	0	0	0	7	108	1109	14072	1424	272	16	0	23	11	12	24	8	16	C
A	23	13	11	24	17	8	0	0	0	4	57	464	2406	1336	272	16	0	23	11	13	24	8	17	C
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A	23	14	9	24	18	6	0	0	0	2	30	232	2212	14010	1138	60	0	23	9	14	24	6	18	C
A	23	15	9	24	19	6	0	0	0	1	15	114	778	3239	1098	60	0	23	9	15	24	6	19	C
A	23	15	8	24	19	5	0	0	0	1	15	114	806	17368	3203	128	0	23	8	15	24	5	19	C
A	23	16	8	24	20	5	0	0	0	1	7	55	354	2513	2177	128	0	23	8	16	24	5	20	C
A	23	16	7	24	20	4	0	0	0	1	7	55	355	5548	12877	296	0	23	7	16	24	4	20	C
A	23	17	7	24	21	4	0	0	0	0	3	25	153	1216	3156	294	0	23	7	17	24	4	21	C
A	23	17	6	24	21	3	0	0	0	0	3	25	153	1394	20963	835	0	23	6	17	24	3	21	C
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A	23	18	5	24	22	2	0	0	0	0	1	10	60	456	6357	4184	0	23	5	18	24	2	22	C
A	23	19	5	24	23	2	0	0	0	0	0	3	19	136	870	1521	0	23	5	19	24	2	23	C
A	23	19	4	24	23	1	0	0	0	0	0	3	19	137	1047	17784	0	23	4	19	24	1	23	C
A	23	20	4	24	24	1	0	0	0	0	0	1	4	27	164	1208	0	23	4	20	24	1	24	C
A	23	20	3	24	24	0	0	0	0	0	0	1	4	27	166	7384	0	23	3	20	24	0	24	C
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B	23	0	23	24	5	20	0	124	50	10	2	1	0	0	0	0	0	23	23	0	24	20	5	B
B	23	1	22	24	6	19	0	67	307	64	14	4	1	0	0	0	0	23	22	1	24	19	6	B
B	23	2	21	24	7	18	0	7	720	258	51	15	5	1	0	0	0	23	21	2	24	18	7	B
B	23	3	20	24	8	17	0	1	594	766	151	43	13	3	1	0	0	23	20	3	24	17	8	B
B	23	4	19	24	9	16	0	0	142	1418	402	107	31	7	1	0	0	23	19	4	24	16	9	B
B	23	5	18	24	10	15	0	0	23	1236	972	246	70	16	3	0	0	23	18	5	24	15	10	B
B	23	6	17	24	11	14	0	0	6	382	1917	542	146	32	7	0	0	23	17	6	24	14	11	B
B	23	7	16	24	12	13	0	0	2	74	2372	1162	296	63	13	1	0	23	16	7	24	13	12	B
B	23	8	15	24	13	12	0	0	1	22	1314	2244	593	121	24	1	0	23	15	8	24	12	13	B
B	23	9	14	24	14	11	0	0	0	8	309	3118	1188	230	45	2	0	23	14	9	24	11	14	B
B	23	10	13	24	15	10	0	0	0	3	77	2223	2287	438	85	5	0	23	13	10	24	10	15	B
B	23	11	12	24	16	9	0	0	0	1	28	634	3522	848	158	9	0	23	12	11	24	9	16	B
B	23	12	11	24	17	8	0	0	0	1	11	142	3114	1668	302	16	0	23	11	12	24	8	17	B
B	23	13	10	24	18	7	0	0	0	0	5	46	1092	3032	595	31	0	23	10	13	24	7	18	B
B	23	14	9	24	19	6	0	0	0	0	2	17	218	3830	1219	62	0	23	9	14	24	6	19	B
B	23	15	8	24	20	5	0	0	0	0	1	6	58	2162	2411	131	0	23	8	15	24	5	20	B
B	23	16	7	24	21	4	0	0	0	0	0	2	18	430	3389	302	0	23	7	16	24	4	21	B
B	23	17	6	24	22	3	0	0	0	0	0	1	5	70	1979	751	0	23	6	17	24	3	22	B
B	23	18	5	24	23	2	0	0	0	0	0	0	1	13	297	1553	0	23	5	18	24	2	23	B
B	23	19	4	24	24	1	0	0	0	0	0	0	0	2	21	1142	0	23	4	19	24	1	24	B
												Δτ = 9												
C	23	0	23	24	5	19	0	120	11	1	0	0	0	0	0	0	0	23	23	0	24	19	5	A
C	23	1	23	24	6	19	0	5	5	1	0	0	0	0	0	0	0	23	23	1	24	19	6	A
C	23	1	22	24	6	18	0	65	183	5	0	0	0	0	0	0	0	23	22	1	24	18	6	A
C	23	2	22	24	7	18	0	3	29	5	0	0	0	0	0	0	0	23	22	2	24	18	7	A
C	23	2	21	24	7	17	0	6	614	44	2	0	0	0	0	0	0	23	21	2	24	17	7	A
C	23	3	21	24	8	17	0	1	52	26	2	0	0	0	0	0	0	23	21	3	24	17	8	A
C	23	3	20	24	8	16	0	1	532	343	9	1	0	0	0	0	0	23	20	3	24	16	8	A
C	23	4	20	24	9	16	0	0	38	77	9	1	0	0	0	0	0	23	20	4	24	16	9	A
C	23	4	19	24	9	15	0	0	128	1027	37	4	0	0	0	0	0	23	19	4	24	15	9	A
C	23	5	19	24	10	15	0	0	16	116	32	4	0	0	0	0	0	23	19	5	24	15	10	A
C	23	5	18	24	10	14	0	0	21	979	198	11	1	0	0	0	0	23	18	5	24	14	10	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	23	6	18	24	11	14	0	0	5	90	87	11	1	0	0	0	0	23	18	6	24	14	11	A
C	23	6	17	24	11	13	0	0	6	305	883	33	3	0	0	0	0	23	17	6	24	13	11	A
C	23	7	17	24	12	13	0	0	2	43	158	31	3	0	0	0	0	23	17	7	24	13	12	A
C	23	7	16	24	12	12	0	0	2	59	1465	130	8	0	0	0	0	23	16	7	24	12	12	A
C	23	8	16	24	13	12	0	0	1	17	164	79	8	0	0	0	0	23	16	8	24	12	13	A
C	23	8	15	24	13	11	0	0	1	17	851	616	22	1	0	0	0	23	15	8	24	11	13	A
C	23	9	15	24	14	11	0	0	0	7	101	152	21	1	0	0	0	23	15	9	24	11	14	A
C	23	9	14	24	14	10	0	0	0	7	201	1392	69	3	0	0	0	23	14	9	24	10	14	A
C	23	10	14	24	15	10	0	0	0	3	45	179	53	3	0	0	0	23	14	10	24	10	15	A
C	23	10	13	24	15	9	0	0	0	3	50	1098	315	7	0	0	0	23	13	10	24	9	15	A
C	23	11	13	24	16	9	0	0	0	1	18	124	109	7	0	0	0	23	13	11	24	9	16	A
C	23	11	12	24	16	8	0	0	0	1	18	317	983	18	1	0	0	23	12	11	24	8	16	A
C	23	12	12	24	17	8	0	0	0	0	7	58	146	17	1	0	0	23	12	12	24	8	17	A
C	23	12	11	24	17	7	0	0	0	0	7	71	1060	68	2	0	0	23	11	12	24	7	17	A
C	23	13	11	24	18	7	0	0	0	0	3	23	113	41	2	0	0	23	11	13	24	7	18	A
C	23	13	10	24	18	6	0	0	0	0	3	23	382	326	5	0	0	23	10	13	24	6	18	A
C	23	14	10	24	19	6	0	0	0	0	1	9	54	72	5	0	0	23	10	14	24	6	19	A
C	23	14	9	24	19	5	0	0	0	0	1	9	76	689	18	0	0	23	9	14	24	5	19	A
C	23	15	9	24	20	5	0	0	0	0	0	3	20	73	12	0	0	23	9	15	24	5	20	A
C	23	15	8	24	20	4	0	0	0	0	0	3	20	429	105	0	0	23	8	15	24	4	20	A
C	23	16	8	24	21	4	0	0	0	0	0	1	6	39	25	0	0	23	8	16	24	4	21	A
C	23	16	7	24	21	3	0	0	0	0	0	1	6	86	292	0	0	23	7	16	24	3	21	A
C	23	17	7	24	22	3	0	0	0	0	0	0	2	12	26	0	0	23	7	17	24	3	22	A
C	23	17	6	24	22	2	0	0	0	0	0	0	2	14	196	4	0	23	6	17	24	2	22	A
C	23	18	6	24	23	2	0	0	0	0	0	0	0	3	11	1	0	23	6	18	24	2	23	A
C	23	18	5	24	23	1	0	0	0	0	0	0	0	3	30	26	0	23	5	18	24	1	23	A
C	23	19	5	24	24	1	0	0	0	0	0	0	0	0	2	2	0	23	5	19	24	1	24	A
C	23	19	4	24	24	0	0	0	0	0	0	0	0	0	2	28	0	23	4	19	24	0	24	A
												Δτ = 10												
B	23	1	23	24	6	18	0	5	4	0	0	0	0	0	0	0	0	23	23	1	24	18	6	B
B	23	2	22	24	7	17	0	3	31	1	0	0	0	0	0	0	0	23	22	2	24	17	7	B
B	23	3	21	24	8	16	0	1	58	18	0	0	0	0	0	0	0	23	21	3	24	16	8	B
B	23	4	20	24	9	15	0	0	43	87	2	0	0	0	0	0	0	23	20	4	24	15	9	B
B	23	5	19	24	10	14	0	0	18	144	15	1	0	0	0	0	0	23	19	5	24	14	10	B
B	23	6	18	24	11	13	0	0	6	113	95	3	0	0	0	0	0	23	18	6	24	13	11	B
B	23	7	17	24	12	12	0	0	2	54	231	14	1	0	0	0	0	23	17	7	24	12	12	B
B	23	8	16	24	13	11	0	0	1	21	251	87	2	0	0	0	0	23	16	8	24	11	13	B
B	23	9	15	24	14	10	0	0	0	8	155	271	10	0	0	0	0	23	15	9	24	10	14	B
B	23	10	14	24	15	9	0	0	0	3	68	354	59	1	0	0	0	23	14	10	24	9	15	B
B	23	11	13	24	16	8	0	0	0	1	28	248	247	4	0	0	0	23	13	11	24	8	16	B
B	23	12	12	24	17	7	0	0	0	1	11	116	405	17	0	0	0	23	12	12	24	7	17	B
B	23	13	11	24	18	6	0	0	0	0	5	46	322	110	1	0	0	23	11	13	24	6	18	B
B	23	14	10	24	19	5	0	0	0	0	2	17	154	324	7	0	0	23	10	14	24	5	19	B
B	23	15	9	24	20	4	0	0	0	0	1	6	56	361	54	0	0	23	9	15	24	4	20	B
B	23	16	8	24	21	3	0	0	0	0	0	2	18	193	215	0	0	23	8	16	24	3	21	B
B	23	17	7	24	22	2	0	0	0	0	0	1	5	61	255	3	0	23	7	17	24	2	22	B
B	23	18	6	24	23	1	0	0	0	0	0	0	1	13	110	35	0	23	6	18	24	1	23	B
B	23	19	5	24	24	0	0	0	0	0	0	0	0	2	17	64	0	23	5	19	24	0	24	B
												Δτ = 11												
A	23	1	22	24	7	17	0	0	3	0	0	0	0	0	0	0	0	23	22	1	24	17	7	C
A	23	2	21	24	8	16	0	0	6	4	0	0	0	0	0	0	0	23	21	2	24	16	8	C
A	23	3	21	24	9	16	0	0	0	1	0	0	0	0	0	0	0	23	21	3	24	16	9	C
A	23	3	20	24	9	15	0	0	3	17	1	0	0	0	0	0	0	23	20	3	24	15	9	C
A	23	4	20	24	10	15	0	0	0	2	1	0	0	0	0	0	0	23	20	4	24	15	10	C
A	23	4	19	24	10	14	0	0	1	28	5	0	0	0	0	0	0	23	19	4	24	14	10	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	23	5	19	24	11	14	0	0	0	2	2	0	0	0	0	0	0	23	19	5	24	14	11	C
A	23	5	18	24	11	13	0	0	0	19	33	1	0	0	0	0	0	23	18	5	24	13	11	C
A	23	6	18	24	12	13	0	0	0	1	6	1	0	0	0	0	0	23	18	6	24	13	12	C
A	23	6	17	24	12	12	0	0	0	4	80	7	0	0	0	0	0	23	17	6	24	12	12	C
A	23	7	17	24	13	12	0	0	0	0	8	4	0	0	0	0	0	23	17	7	24	12	13	C
A	23	7	16	24	13	11	0	0	0	1	82	44	2	0	0	0	0	23	16	7	24	11	13	C
A	23	8	16	24	14	11	0	0	0	0	7	11	2	0	0	0	0	23	16	8	24	11	14	C
A	23	8	15	24	14	10	0	0	0	0	35	135	6	0	0	0	0	23	15	8	24	10	14	C
A	23	9	15	24	15	10	0	0	0	0	3	17	5	0	0	0	0	23	15	9	24	10	15	C
A	23	9	14	24	15	9	0	0	0	0	6	170	38	1	0	0	0	23	14	9	24	9	15	C
A	23	10	14	24	16	9	0	0	0	0	1	15	13	1	0	0	0	23	14	10	24	9	16	C
A	23	10	13	24	16	8	0	0	0	0	1	93	160	3	0	0	0	23	13	10	24	8	16	C
A	23	11	13	24	17	8	0	0	0	0	0	8	23	3	0	0	0	23	13	11	24	8	17	C
A	23	11	12	24	17	7	0	0	0	0	0	20	258	14	0	0	0	23	12	11	24	7	17	C
A	23	12	12	24	18	7	0	0	0	0	0	3	24	8	0	0	0	23	12	12	24	7	18	C
A	23	12	11	24	18	6	0	0	0	0	0	3	176	88	1	0	0	23	11	12	24	6	18	C
A	23	13	11	24	19	6	0	0	0	0	0	1	13	19	1	0	0	23	11	13	24	6	19	C
A	23	13	10	24	19	5	0	0	0	0	0	1	45	258	6	0	0	23	10	13	24	5	19	C
A	23	14	10	24	20	5	0	0	0	0	0	0	5	26	4	0	0	23	10	14	24	5	20	C
A	23	14	9	24	20	4	0	0	0	0	0	0	7	274	49	0	0	23	9	14	24	4	20	C
A	23	15	9	24	21	4	0	0	0	0	0	0	1	18	12	0	0	23	9	15	24	4	21	C
A	23	15	8	24	21	3	0	0	0	0	0	0	1	107	193	0	0	23	8	15	24	3	21	C
A	23	16	8	24	22	3	0	0	0	0	0	0	0	6	17	0	0	23	8	16	24	3	22	C
A	23	16	7	24	22	2	0	0	0	0	0	0	0	14	223	3	0	23	7	16	24	2	22	C
A	23	17	7	24	23	2	0	0	0	0	0	0	0	1	10	1	0	23	7	17	24	2	23	C
A	23	17	6	24	23	1	0	0	0	0	0	0	0	1	74	34	0	23	6	17	24	1	23	C
A	23	18	6	24	24	1	0	0	0	0	0	0	0	0	2	2	0	23	6	18	24	1	24	C
A	23	18	5	24	24	0	0	0	0	0	0	0	0	0	5	62	0	23	5	18	24	0	24	C
												$\Delta\tau = 12$												
B	23	0	23	24	7	18	0	0	1	0	0	0	0	0	0	0	0	23	23	0	24	18	7	B
B	23	1	22	24	8	17	0	0	3	1	0	0	0	0	0	0	0	23	22	1	24	17	8	B
B	23	2	21	24	9	16	0	0	3	4	0	0	0	0	0	0	0	23	21	2	24	16	9	B
B	23	3	20	24	10	15	0	0	1	10	2	0	0	0	0	0	0	23	20	3	24	15	10	B
B	23	4	19	24	11	14	0	0	0	11	7	1	0	0	0	0	0	23	19	4	24	14	11	B
B	23	5	18	24	12	13	0	0	0	5	17	2	0	0	0	0	0	23	18	5	24	13	12	B
B	23	6	17	24	13	12	0	0	0	1	24	8	1	0	0	0	0	23	17	6	24	12	13	B
B	23	7	16	24	14	11	0	0	0	0	18	21	2	0	0	0	0	23	16	7	24	11	14	B
B	23	8	15	24	15	10	0	0	0	0	6	33	8	0	0	0	0	23	15	8	24	10	15	B
B	23	9	14	24	16	9	0	0	0	0	1	29	20	1	0	0	0	23	14	9	24	9	16	B
B	23	10	13	24	17	8	0	0	0	0	0	12	36	3	0	0	0	23	13	10	24	8	17	B
B	23	11	12	24	18	7	0	0	0	0	0	2	36	10	0	0	0	23	12	11	24	7	18	B
B	23	12	11	24	19	6	0	0	0	0	0	0	17	24	1	0	0	23	11	12	24	6	19	B
B	23	13	10	24	20	5	0	0	0	0	0	0	3	33	5	0	0	23	10	13	24	5	20	B
B	23	14	9	24	21	4	0	0	0	0	0	0	0	21	13	0	0	23	9	14	24	4	21	B
B	23	15	8	24	22	3	0	0	0	0	0	0	0	5	18	0	0	23	8	15	24	3	22	B
B	23	16	7	24	23	2	0	0	0	0	0	0	0	0	10	1	0	23	7	16	24	2	23	B
B	23	17	6	24	24	1	0	0	0	0	0	0	0	0	1	2	0	23	6	17	24	1	24	B
												$\Delta\tau = 13$												
C	23	0	23	24	7	17	0	0	1	0	0	0	0	0	0	0	0	23	23	0	24	17	7	A
C	23	1	22	24	8	16	0	0	2	0	0	0	0	0	0	0	0	23	22	1	24	16	8	A
C	23	2	21	24	9	15	0	0	3	3	0	0	0	0	0	0	0	23	21	2	24	15	9	A
C	23	3	20	24	10	14	0	0	1	8	0	0	0	0	0	0	0	23	20	3	24	14	10	A
C	23	4	20	24	11	14	0	0	0	1	0	0	0	0	0	0	0	23	20	4	24	14	11	A
C	23	4	19	24	11	13	0	0	0	9	3	0	0	0	0	0	0	23	19	4	24	13	11	A
C	23	5	19	24	12	13	0	0	0	1	1	0	0	0	0	0	0	23	19	5	24	13	12	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	23	5	18	24	12	12	0	0	0	4	10	0	0	0	0	0	0	23	18	5	24	12	12	A
C	23	6	18	24	13	12	0	0	0	0	1	0	0	0	0	0	0	23	18	6	24	12	13	A
C	23	6	17	24	13	11	0	0	0	1	15	2	0	0	0	0	0	23	17	6	24	11	13	A
C	23	7	17	24	14	11	0	0	0	0	1	1	0	0	0	0	0	23	17	7	24	11	14	A
C	23	7	16	24	14	10	0	0	0	0	12	10	0	0	0	0	0	23	16	7	24	10	14	A
C	23	8	16	24	15	10	0	0	0	0	1	1	0	0	0	0	0	23	16	8	24	10	15	A
C	23	8	15	24	15	9	0	0	0	0	4	17	1	0	0	0	0	23	15	8	24	9	15	A
C	23	9	15	24	16	9	0	0	0	0	0	1	0	0	0	0	0	23	15	9	24	9	16	A
C	23	9	14	24	16	8	0	0	0	0	1	14	6	0	0	0	0	23	14	9	24	8	16	A
C	23	10	14	24	17	8	0	0	0	0	0	1	1	0	0	0	0	23	14	10	24	8	17	A
C	23	10	13	24	17	7	0	0	0	0	0	6	12	0	0	0	0	23	13	10	24	7	17	A
C	23	11	13	24	18	7	0	0	0	0	0	0	1	0	0	0	0	23	13	11	24	7	18	A
C	23	11	12	24	18	6	0	0	0	0	0	1	12	1	0	0	0	23	12	11	24	6	18	A
C	23	12	12	24	19	6	0	0	0	0	0	0	1	0	0	0	0	23	12	12	24	6	19	A
C	23	12	11	24	19	5	0	0	0	0	0	0	6	4	0	0	0	23	11	12	24	5	19	A
C	23	13	10	24	20	4	0	0	0	0	0	0	1	6	0	0	0	23	10	13	24	4	20	A
C	23	14	9	24	21	3	0	0	0	0	0	0	0	4	1	0	0	23	9	14	24	3	21	A
C	23	15	8	24	22	2	0	0	0	0	0	0	0	1	2	0	0	23	8	15	24	2	22	A
C	23	16	7	24	23	1	0	0	0	0	0	0	0	0	1	0	0	23	7	16	24	1	23	A
												Δτ = 14												
B	23	4	20	24	11	13	0	0	0	1	0	0	0	0	0	0	0	23	20	4	24	13	11	B
B	23	5	19	24	12	12	0	0	0	1	1	0	0	0	0	0	0	23	19	5	24	12	12	B
B	23	6	18	24	13	11	0	0	0	0	2	0	0	0	0	0	0	23	18	6	24	11	13	B
B	23	7	17	24	14	10	0	0	0	0	2	1	0	0	0	0	0	23	17	7	24	10	14	B
B	23	8	16	24	15	9	0	0	0	0	1	2	0	0	0	0	0	23	16	8	24	9	15	B
B	23	9	15	24	16	8	0	0	0	0	0	3	1	0	0	0	0	23	15	9	24	8	16	B
B	23	10	14	24	17	7	0	0	0	0	0	2	2	0	0	0	0	23	14	10	24	7	17	B
B	23	11	13	24	18	6	0	0	0	0	0	1	3	0	0	0	0	23	13	11	24	6	18	B
B	23	12	12	24	19	5	0	0	0	0	0	0	2	1	0	0	0	23	12	12	24	5	19	B
B	23	13	11	24	20	4	0	0	0	0	0	0	1	2	0	0	0	23	11	13	24	4	20	B
B	23	14	10	24	21	3	0	0	0	0	0	0	0	2	0	0	0	23	10	14	24	3	21	B
B	23	15	9	24	22	2	0	0	0	0	0	0	0	1	1	0	0	23	9	15	24	2	22	B
B	23	16	8	24	23	1	0	0	0	0	0	0	0	0	1	0	0	23	8	16	24	1	23	B
												Δτ = 15												
A	23	5	18	24	13	11	0	0	0	0	1	0	0	0	0	0	0	23	18	5	24	11	13	C
A	23	6	17	24	14	10	0	0	0	0	1	1	0	0	0	0	0	23	17	6	24	10	14	C
A	23	7	16	24	15	9	0	0	0	0	0	1	0	0	0	0	0	23	16	7	24	9	15	C
A	23	8	15	24	16	8	0	0	0	0	0	1	1	0	0	0	0	23	15	8	24	8	16	C
A	23	9	14	24	17	7	0	0	0	0	0	1	1	0	0	0	0	23	14	9	24	7	17	C
A	23	10	13	24	18	6	0	0	0	0	0	0	2	0	0	0	0	23	13	10	24	6	18	C
A	23	11	12	24	19	5	0	0	0	0	0	0	1	1	0	0	0	23	12	11	24	5	19	C
A	23	12	11	24	20	4	0	0	0	0	0	0	1	2	0	0	0	23	11	12	24	4	20	C
A	23	13	10	24	21	3	0	0	0	0	0	0	0	2	0	0	0	23	10	13	24	3	21	C
A	23	14	9	24	22	2	0	0	0	0	0	0	0	1	1	0	0	23	9	14	24	2	22	C
A	23	15	8	24	23	1	0	0	0	0	0	0	0	0	1	0	0	23	8	15	24	1	23	C
J=24				ΔJ = 0																				
												Δτ = 1												
C	24	12	12	24	13	12	906500	886958	826315	739211	584086	477989	918570	1113572	1162374	1175217	1176000	24	12	12	24	12	13	A
A	24	13	12	24	13	11	1380167	1379517	1368868	1328784	1177312	745816	565083	758778	862014	932785	955500	24	12	13	24	11	13	C
C	24	13	11	24	14	11	853417	836502	784147	709634	581911	419556	641950	911103	971566	987216	988167	24	11	13	24	11	14	A
A	24	14	11	24	14	10	1600667	1600124	1591239	1557987	1435740	1120382	577122	764733	890118	973745	1000417	24	11	14	24	10	14	C
C	24	14	10	24	15	10	796250	781574	736224	672049	564360	430349	392344	718850	796128	815497	816667	24	10	14	24	10	15	A
A	24	15	10	24	15	9	1837500	1837045	1829614	1801901	1701594	1461597	815639	750176	908736	1009467	1041250	24	10	15	24	9	15	C
C	24	15	9	24	16	9	735000	722282	683025	627673	535927	426753	295934	530201	635511	660034	661500	24	9	15	24	9	16	A
A	24	16	9	24	16	8	2090667	2090287	2084078	2060980	1978171	1786985	1289609	716247	914414	1039338	1078000	24	9	16	24	8	16	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	24	16	8	24	17	8	669667	658700	624876	577297	499019	408142	291521	337044	488619	520784	522667	24	8	16	24	8	17	A
A	24	17	8	24	17	7	2360167	2359851	2354692	2335529	2267240	2112642	1745816	807720	900295	1062283	1110667	24	8	17	24	7	17	C
C	24	17	7	24	18	7	600250	590884	562011	521461	455053	379011	285601	201722	352644	397666	400167	24	7	17	24	7	18	A
A	24	18	7	24	18	6	2646000	2645740	2641498	2625756	2569884	2444881	2160900	1276964	860110	1076252	1139250	24	7	18	24	6	18	C
C	24	18	6	24	19	6	526750	518873	494601	460546	404938	341768	266101	165158	221433	290517	294000	24	6	18	24	6	19	A
A	24	19	6	24	19	5	2948167	2947957	2944528	2931816	2886815	2786884	2564914	1933714	917975	1076887	1163750	24	6	19	24	5	19	C
C	24	19	5	24	20	5	449167	442698	422770	394830	349290	297802	236937	156950	120055	198931	204167	24	5	19	24	5	20	A
A	24	20	5	24	20	4	3266667	3266502	3263807	3253819	3218528	3140538	2969558	2513776	1433394	1054895	1184167	24	5	20	24	4	20	C
C	24	20	4	24	21	4	367500	362382	346615	324520	288548	247992	200391	139515	83915	121574	130667	24	4	20	24	4	21	A
A	24	21	4	24	21	3	3601500	3601376	3599352	3591851	3565380	3507069	3380257	3052120	2315215	1038962	1200500	24	4	21	24	3	21	C
C	24	21	3	24	22	3	281750	277941	266210	249773	223033	192935	157744	113327	71733	58355	73500	24	3	21	24	3	22	A
A	24	22	3	24	22	2	3952667	3952581	3951177	3945976	3927637	3887325	3800098	3577921	3113052	1432373	1212750	24	3	22	24	2	22	C
C	24	22	2	24	23	2	191917	189390	181610	170711	152987	133055	109797	80619	53858	25946	32667	24	2	22	24	2	23	A
A	24	23	2	24	23	1	4320167	4320116	4319293	4316245	4305502	4281918	4231044	4102589	3841467	2718211	1220917	24	2	23	24	1	23	C
C	24	23	1	24	24	1	98000	96740	92861	87428	78594	68664	57088	42602	29426	13464	8167	24	1	23	24	1	24	A
A	24	24	1	24	24	0	4704000	4703983	4703710	4702698	4699131	4691304	4674438	4631969	4546393	4199917	2450000	24	1	24	24	0	24	C
												$\Delta\tau$ = 2												
B	24	12	13	24	13	12	906500	926245	990201	1089538	1285411	1468023	1285411	1089538	990201	926245	906500	24	13	12	24	12	13	B
B	24	12	12	24	13	11	906500	926245	990201	1089539	1286933	1820205	1414935	1168534	1052669	978428	955500	24	12	12	24	11	13	B
B	24	13	12	24	14	11	853417	870518	925936	1011798	1179356	1410834	1392233	1168519	1052669	978428	955500	24	12	13	24	11	14	B
B	24	13	11	24	14	10	853417	870518	925936	1011798	1179455	1468283	1683970	1251444	1114332	1027299	1000417	24	11	13	24	10	14	B
B	24	14	11	24	15	10	796250	811096	859220	933687	1077785	1289109	1460539	1251180	1114332	1027299	1000417	24	11	14	24	10	15	B
B	24	14	10	24	15	9	796250	811096	859220	933687	1077791	1292949	1908882	1343864	1176748	1073214	1041250	24	10	14	24	9	15	B
B	24	15	10	24	16	9	735000	747870	789604	854142	978395	1159296	1419034	1339723	1176743	1073214	1041250	24	10	15	24	9	16	B
B	24	15	9	24	16	8	735000	747870	789604	854142	978395	1159547	1550523	1483075	1242531	1116749	1078000	24	9	15	24	8	16	B
B	24	16	9	24	17	8	669667	680767	716772	772434	879285	1033323	1282355	1421648	1242417	1116749	1078000	24	9	16	24	8	17	B
B	24	16	8	24	17	7	669667	680767	716772	772434	879285	1033337	1292103	1825267	1316856	1158884	1110667	24	8	16	24	7	17	B
B	24	17	8	24	18	7	600250	609732	640494	688047	779176	909734	1121439	1429436	1314678	1158884	1110667	24	8	17	24	7	18	B
B	24	17	7	24	18	6	600250	609732	640494	688047	779176	909735	1122012	1792972	1424027	1201389	1139250	24	7	17	24	6	18	B
B	24	18	7	24	19	6	526750	534725	560603	600605	677192	786514	962229	1299282	1387133	1201383	1139250	24	7	18	24	6	19	B
B	24	18	6	24	19	5	526750	534725	560603	600605	677192	786514	962260	1352449	1736979	1247783	1163750	24	6	18	24	5	19	B
B	24	19	6	24	20	5	449167	455716	476972	509831	572706	662268	805368	1091707	1392570	1247551	1163750	24	6	19	24	5	20	B
B	24	19	5	24	20	4	449167	455716	476972	509831	572706	662268	805370	1094408	1856759	1307800	1184167	24	5	19	24	4	20	B
B	24	20	5	24	21	4	367500	372683	389505	415511	465260	536039	648749	873351	1225731	1301011	1184167	24	5	20	24	4	21	B
B	24	20	4	24	21	3	367500	372683	389505	415511	465260	536039	648749	873472	1312472	1468070	1200500	24	4	20	24	3	21	B
B	24	21	4	24	22	3	281750	285607	298127	317482	354505	407144	490817	656713	937459	1326662	1200500	24	4	21	24	3	22	B
B	24	21	3	24	22	2	281750	285607	298127	317482	354505	407144	490817	656718	941071	1928040	1212750	24	3	21	24	2	22	B
B	24	22	3	24	23	2	191917	194475	202779	215618	240175	275080	330514	440139	626193	1131505	1212750	24	3	22	24	2	23	B
B	24	22	2	24	23	1	191917	194475	202779	215618	240175	275080	330514	440139	626295	1422574	1220917	24	2	22	24	1	23	B
B	24	23	2	24	24	1	98000	99276	103416	109818	122062	139464	167092	221674	314165	619234	1220917	24	2	23	24	1	24	B
B	24	23	1	24	24	0	98000	99276	103416	109818	122062	139464	167092	221674	314167	630084	2450000	24	1	23	24	0	24	B
												$\Delta\tau$ = 3												
C	24	12	13	24	13	11	906500	886958	826315	739210	582814	249047	38018	9404	2055	118	0	24	13	12	24	11	13	A
A	24	12	12	24	14	11	0	90	1562	7114	28031	110647	547806	758764	862014	932785	955500	24	12	12	24	11	14	C
C	24	13	12	24	14	10	853417	836502	784147	709634	581826	386424	59469	12459	2705	155	0	24	12	13	24	10	14	A
A	24	13	11	24	15	10	0	68	1182	5366	20886	61580	410741	764477	890118	973745	1000417	24	11	13	24	10	15	C
C	24	14	11	24	15	9	796250	781574	736224	672049	564356	427801	130583	16663	3577	205	0	24	11	14	24	9	15	A
A	24	14	10	24	16	9	0	51	886	4014	15492	43475	193832	746231	908732	1009467	1041250	24	10	14	24	9	16	C
C	24	15	10	24	16	8	735000	722282	683025	627673	535927	426576	241973	23264	4780	272	0	24	10	15	24	8	16	A
A	24	15	9	24	17	8	0	38	655	2961	11357	31375	90677	661992	914297	1039338	1078000	24	9	15	24	8	17	C
C	24	16	9	24	17	7	669667	658700	624876	577297	499019	408132	286978	42423	6505	368	0	24	9	16	24	7	17	A
A	24	16	8	24	18	7	0	27	474	2139	8167	22318	57941	412400	898055	1062283	1110667	24	8	16	24	7	18	C
C	24	17	8	24	18	6	600250	590884	562011	521461	455053	379010	285297	99407	9221	508	0	24	8	17	24	6	18	A
A	24	17	7	24	19	6	0	19	332	1499	5704	15464	39246	163483	823523	1076246	1139250	24	7	17	24	6	19	C
C	24	18	7	24	19	5	526750	518873	494601	460546	404938	341768	266084	151714	16446	725	0	24	7	18	24	5	19	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	24	18	6	24	20	5	0	13	223	1006	3817	10288	25738	77600	559073	1076647	1163750	24	6	18	24	5	20	C
C	24	19	6	24	20	4	449167	442698	422770	394830	349290	297802	236936	156109	42107	1090	0	24	6	19	24	4	20	A
A	24	19	5	24	21	4	0	8	140	633	2397	6431	15918	45158	205277	1047787	1184167	24	5	19	24	4	21	C
C	24	20	5	24	21	3	367500	362382	346615	324520	288548	247992	200391	139473	72455	1877	0	24	5	20	24	3	21	A
A	24	20	4	24	22	3	C	5	80	360	1361	3638	8932	24747	72918	891008	1200500	24	4	20	24	3	22	C
C	24	21	4	24	22	2	281750	277941	266210	249773	223033	192935	157744	113325	71135	5278	0	24	4	21	24	2	22	A
A	24	21	3	24	23	2	0	2	38	171	646	1723	4205	11450	30694	381171	1212750	24	3	21	24	2	23	C
C	24	22	3	24	23	1	191917	189390	181610	170711	152987	133055	109797	80619	53838	14649	0	24	3	22	24	1	23	A
A	24	22	2	24	24	1	0	1	12	54	205	546	1327	3566	9281	60563	1220917	24	2	22	24	1	24	C
C	24	23	2	24	24	0	98000	96740	92861	87428	78594	68664	57088	42602	29426	13002	0	24	2	23	24	0	24	A
												Δτ = 5												
C	24	11	13	24	14	11	0	18	304	1345	5474	39560	37041	9403	2055	118	0	24	13	11	24	11	14	A
A	24	12	13	24	14	10	0	90	1562	7114	27981	63760	11565	2257	500	30	0	24	13	12	24	10	14	C
C	24	12	12	24	15	10	0	11	185	810	3096	13234	44710	12456	2705	155	0	24	12	12	24	10	15	A
A	24	13	12	24	15	9	0	68	1182	5366	20883	57487	34822	3884	833	49	0	24	12	13	24	9	15	C
C	24	13	11	24	16	9	0	7	113	488	1801	5340	35864	16589	3577	205	0	24	11	13	24	9	16	A
A	24	14	11	24	16	8	C	51	886	4014	15492	43263	74690	7191	1422	82	0	24	11	14	24	8	16	C
C	24	14	10	24	17	8	0	4	68	291	1049	2824	13477	21767	4780	272	0	24	10	14	24	8	17	A
A	24	15	10	24	17	7	0	38	655	2961	11357	31365	76703	18206	2523	143	0	24	10	15	24	7	17	C
C	24	15	9	24	18	7	0	2	40	170	602	1552	4442	24126	6491	368	0	24	9	15	24	7	18	A
A	24	16	9	24	18	6	0	27	474	2139	8167	22318	57202	57687	4819	259	0	24	9	16	24	6	18	C
C	24	16	8	24	19	6	0	1	22	96	336	840	2032	14250	8886	508	0	24	8	16	24	6	19	A
A	24	17	8	24	19	5	0	19	332	1499	5704	15464	39213	90925	12211	500	0	24	8	17	24	5	19	C
C	24	17	7	24	20	5	0	1	12	51	178	437	996	3963	10889	725	0	24	7	17	24	5	20	A
A	24	18	7	24	20	4	0	13	223	1006	3817	10288	25736	72393	45101	1056	0	24	7	18	24	4	20	C
C	24	18	6	24	21	4	0	0	6	25	88	211	464	1223	7458	1084	0	24	6	18	24	4	21	A
A	24	19	6	24	21	3	0	8	140	633	2397	6431	15918	44967	86894	2716	0	24	6	19	24	3	21	C
C	24	19	5	24	22	3	0	0	3	11	38	91	194	455	1810	1644	0	24	5	19	24	3	22	A
A	24	20	5	24	22	2	0	5	80	360	1361	3638	8932	24741	64777	12447	0	24	5	20	24	2	22	C
C	24	20	4	24	23	2	0	0	1	4	13	32	66	146	344	1786	0	24	4	20	24	2	23	A
A	24	21	4	24	23	1	0	2	38	171	646	1723	4205	11450	30496	52043	0	24	4	21	24	1	23	C
C	24	21	3	24	24	1	0	0	0	1	3	7	14	30	61	448	0	24	3	21	24	1	24	A
A	24	22	3	24	24	0	0	1	12	54	205	546	1327	3566	9279	38968	0	24	3	22	24	0	24	C
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B	24	11	14	24	14	11	0	18	337	1682	8241	20034	8241	1682	337	18	0	24	14	11	24	11	14	B
B	24	11	13	24	14	10	0	18	337	1682	8446	73880	17889	2822	555	30	0	24	13	11	24	10	14	B
B	24	12	13	24	15	10	0	11	206	1013	4761	16360	13778	2821	555	30	0	24	13	12	24	10	15	B
B	24	12	12	24	15	9	0	11	206	1013	4769	26585	52591	4861	926	50	0	24	12	12	24	9	15	B
B	24	13	12	24	16	9	0	7	125	610	2772	10055	18838	4840	926	50	0	24	12	13	24	9	16	B
B	24	13	11	24	16	8	0	7	125	610	2772	10724	85913	9014	1581	85	0	24	11	13	24	8	16	B
B	24	14	11	24	17	8	C	4	75	364	1614	5632	17307	8462	1581	85	0	24	11	14	24	8	17	B
B	24	14	10	24	17	7	0	4	75	364	1614	5658	38331	22827	2805	147	0	24	10	14	24	7	17	B
B	24	15	10	24	18	7	0	2	44	212	927	3105	10920	13746	2799	147	0	24	10	15	24	7	18	B
B	24	15	9	24	18	6	0	2	44	212	927	3106	12750	67732	5362	266	0	24	9	15	24	6	18	B
B	24	16	9	24	19	6	0	1	25	120	517	1680	5748	16305	5173	266	0	24	9	16	24	6	19	B
B	24	16	8	24	19	5	0	1	25	120	517	1681	5818	66360	13599	513	0	24	8	16	24	5	19	B
B	24	17	8	24	20	5	0	1	13	64	274	874	2844	11780	9254	513	0	24	8	17	24	5	20	B
B	24	17	7	24	20	4	0	1	13	64	274	874	2847	19851	48654	1083	0	24	7	17	24	4	20	B
B	24	18	7	24	21	4	C	0	7	32	135	423	1326	5740	12136	1076	0	24	7	18	24	4	21	B
B	24	18	6	24	21	3	0	0	7	32	135	423	1326	6129	66188	2787	0	24	6	18	24	3	21	B
B	24	19	6	24	22	3	0	0	3	14	59	182	555	2266	8466	2447	0	24	6	19	24	3	22	B
B	24	19	5	24	22	2	0	0	3	14	59	182	555	2275	18052	12744	0	24	5	19	24	2	22	B
B	24	20	5	24	23	2	0	0	1	5	21	63	189	731	3077	4640	0	24	5	20	24	2	23	B
B	24	20	4	24	23	1	0	0	1	5	21	63	189	731	3445	48671	0	24	4	20	24	1	23	B
B	24	21	4	24	24	1	0	0	0	1	5	14	41	152	607	3389	0	24	4	21	24	1	24	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	κ 0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	24	21	3	24	24	0	0	0	0	1	5	14	41	152	610	17569	0	24	3	21	24	0	24	B
												$\Delta\tau$ = 7												
C	24	11	14	24	14	10	0	18	304	1345	5339	8850	475	20	1	0	0	24	14	11	24	10	14	A
A	24	11	13	24	15	10	0	0	0	10	174	4461	8860	2256	500	30	0	24	13	11	24	10	15	C
C	24	12	13	24	15	9	0	11	185	810	3090	8015	1888	44	2	0	0	24	13	12	24	9	15	A
A	24	12	12	24	16	9	0	0	0	5	77	1122	11528	3867	833	49	0	24	12	12	24	9	16	C
C	24	13	12	24	16	8	0	7	113	488	1801	5003	5204	104	4	0	0	24	12	13	24	8	16	A
A	24	13	11	24	17	8	0	0	0	2	35	343	7910	6747	1422	82	0	24	11	13	24	8	17	C
C	24	14	11	24	17	7	0	4	68	291	1049	2811	5834	345	9	0	0	24	11	14	24	7	17	A
A	24	14	10	24	18	7	0	0	0	1	16	139	2210	10828	2518	143	0	24	10	14	24	7	18	C
C	24	15	10	24	18	6	0	2	40	170	602	1551	3795	1469	23	0	0	24	10	15	24	6	18	A
A	24	15	9	24	19	6	0	0	0	0	7	58	530	11720	4649	259	0	24	9	15	24	6	19	C
C	24	16	9	24	19	5	0	1	22	96	336	840	2008	2906	78	0	0	24	9	16	24	5	19	A
A	24	16	8	24	20	5	0	0	0	0	3	24	176	5244	8271	500	0	24	8	16	24	5	20	C
C	24	17	8	24	20	4	0	1	12	51	178	437	995	2320	400	0	0	24	8	17	24	4	20	A
A	24	17	7	24	21	4	0	0	0	0	1	9	62	982	10311	1049	0	24	7	17	24	4	21	C
C	24	18	7	24	21	3	0	0	6	25	88	211	464	1145	1039	2	0	24	7	18	24	3	21	A
A	24	18	6	24	22	3	0	0	0	0	0	3	19	196	5032	2384	0	24	6	18	24	3	22	C
C	24	19	6	24	22	2	0	0	3	11	38	91	194	453	833	12	0	24	6	19	24	2	22	A
A	24	19	5	24	23	2	0	0	0	0	0	1	5	43	682	4492	0	24	5	19	24	2	23	C
C	24	20	5	24	23	1	0	0	1	4	13	32	66	146	307	78	0	24	5	20	24	1	23	A
A	24	20	4	24	24	1	0	0	0	0	0	0	1	6	55	2966	0	24	4	20	24	1	24	C
C	24	21	4	24	24	0	0	0	0	1	3	7	14	30	61	82	0	24	4	21	24	0	24	A
												$\Delta\tau$ = 9												
C	24	10	14	24	15	10	0	0	0	2	52	980	364	20	1	0	0	24	14	10	24	10	15	A
A	24	11	14	24	15	9	0	0	0	10	169	1085	266	6	0	0	0	24	14	11	24	9	15	C
C	24	11	13	24	16	9	0	0	0	1	15	376	647	44	2	0	0	24	13	11	24	9	16	A
A	24	12	13	24	16	8	0	0	0	5	77	684	961	19	1	0	0	24	13	12	24	8	16	C
C	24	12	12	24	17	8	0	0	0	0	5	72	721	97	4	0	0	24	12	12	24	8	17	A
A	24	13	12	24	17	7	0	0	0	2	35	321	1370	80	2	0	0	24	12	13	24	7	17	C
C	24	13	11	24	18	7	0	0	0	0	2	17	373	206	9	0	0	24	11	13	24	7	18	A
A	24	14	11	24	18	6	0	0	0	1	6	138	975	444	7	0	0	24	11	14	24	6	18	C
C	24	14	10	24	19	6	0	0	0	0	1	5	76	322	22	0	0	24	10	14	24	6	19	A
A	24	15	10	24	19	5	0	0	0	0	7	58	453	1166	30	0	0	24	10	15	24	5	19	C
C	24	15	9	24	20	5	0	0	0	0	0	2	13	265	53	0	0	24	9	15	24	5	20	A
A	24	16	9	24	20	4	0	0	0	0	3	24	174	1162	206	0	0	24	9	16	24	4	20	C
C	24	16	8	24	21	4	0	0	0	0	0	0	3	81	95	0	0	24	8	16	24	4	21	A
A	24	17	8	24	21	3	0	0	0	0	1	9	62	579	739	1	0	24	8	17	24	3	21	C
C	24	17	7	24	22	3	0	0	0	0	0	0	1	10	85	2	0	24	7	17	24	3	22	A
A	24	18	7	24	22	2	0	0	0	0	0	3	19	183	794	11	0	24	7	18	24	2	22	C
C	24	18	6	24	23	2	0	0	0	0	0	0	0	1	23	4	0	24	6	18	24	2	23	A
A	24	19	6	24	23	1	0	0	0	0	0	1	5	43	317	111	0	24	6	19	24	1	23	C
C	24	19	5	24	24	1	0	0	0	0	0	0	0	0	1	5	0	24	5	19	24	1	24	A
A	24	20	5	24	24	0	0	0	0	0	0	0	1	6	49	186	0	24	5	20	24	0	24	C
												$\Delta\tau$ = 10												
B	24	10	15	24	15	10	0	0	0	3	61	243	61	3	0	0	0	24	15	10	24	10	15	B
B	24	10	14	24	15	9	0	0	0	3	80	1935	410	8	0	0	0	24	14	10	24	9	15	B
B	24	11	14	24	16	9	0	0	0	1	22	185	141	8	0	0	0	24	14	11	24	9	16	B
B	24	11	13	24	16	8	0	0	0	1	23	751	1472	23	1	0	0	24	13	11	24	8	16	B
B	24	12	13	24	17	8	0	0	0	0	8	88	215	22	1	0	0	24	13	12	24	8	17	B
B	24	12	12	24	17	7	0	0	0	0	8	144	2000	99	2	0	0	24	12	12	24	7	17	B
B	24	13	12	24	18	7	0	0	0	0	3	31	190	60	2	0	0	24	12	13	24	7	18	B
B	24	13	11	24	18	6	0	0	0	0	3	34	1062	554	8	0	0	24	11	13	24	6	18	B
B	24	14	11	24	19	6	0	0	0	0	1	10	96	123	7	0	0	24	11	14	24	6	19	B
B	24	14	10	24	19	5	0	0	0	0	1	10	218	1443	33	0	0	24	10	14	24	5	19	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	24	15	10	24	20	5	0	0	0	0	0	3	33	147	23	0	0	24	10	15	24	5	20	B
B	24	15	9	24	20	4	0	0	0	0	0	3	38	1314	229	0	0	24	9	15	24	4	20	B
B	24	16	9	24	21	4	0	0	0	0	0	1	9	90	55	0	0	24	9	16	24	4	21	B
B	24	16	8	24	21	3	0	0	0	0	0	1	9	404	818	1	0	24	8	16	24	3	21	B
B	24	17	8	24	22	3	0	0	0	0	0	0	2	29	71	1	0	24	8	17	24	3	22	B
B	24	17	7	24	22	2	0	0	0	0	0	0	2	49	836	12	0	24	7	17	24	2	22	B
B	24	18	7	24	23	2	0	0	0	0	0	0	0	5	37	4	0	24	7	18	24	2	23	B
B	24	18	6	24	23	1	0	0	0	0	0	0	0	6	233	114	0	24	6	18	24	1	23	B
B	24	19	6	24	24	1	0	0	0	0	0	0	0	1	6	7	0	24	6	19	24	1	24	B
B	24	19	5	24	24	0	0	0	0	0	0	0	0	1	13	190	0	24	5	19	24	0	24	B
												$\Delta\tau$ = 11												
C	24	10	15	24	15	9	0	0	0	2	40	120	8	0	0	0	0	24	15	10	24	9	15	A
A	24	10	14	24	16	9	0	0	0	0	1	82	92	6	0	0	0	24	14	10	24	9	16	C
C	24	11	14	24	16	8	0	0	0	1	14	92	39	0	0	0	0	24	14	11	24	8	16	A
A	24	11	13	24	17	8	0	0	0	0	0	24	139	18	1	0	0	24	13	11	24	8	17	C
C	24	12	13	24	17	7	0	0	0	0	5	44	73	1	0	0	0	24	13	12	24	7	17	A
A	24	12	12	24	18	7	0	0	0	0	0	4	117	48	2	0	0	24	12	12	24	7	18	C
C	24	13	12	24	18	6	0	0	0	0	2	16	66	6	0	0	0	24	12	13	24	6	18	A
A	24	13	11	24	19	6	0	0	0	0	0	1	44	98	7	0	0	24	11	13	24	6	19	C
C	24	14	11	24	19	5	0	0	0	0	1	5	34	22	0	0	0	24	11	14	24	5	19	A
A	24	14	10	24	20	5	0	0	0	0	0	0	7	116	20	0	0	24	10	14	24	5	20	C
C	24	15	10	24	20	4	0	0	0	0	0	2	11	29	1	0	0	24	10	15	24	4	20	A
A	24	15	9	24	21	4	0	0	0	0	0	0	1	65	49	0	0	24	9	15	24	4	21	C
C	24	16	9	24	21	3	0	0	0	0	0	0	3	18	5	0	0	24	9	16	24	3	21	A
A	24	16	8	24	22	3	0	0	0	0	0	0	0	13	63	1	0	24	8	16	24	3	22	C
C	24	17	8	24	22	2	0	0	0	0	0	0	1	6	7	0	0	24	8	17	24	2	22	A
A	24	17	7	24	23	2	0	0	0	0	0	0	0	1	32	4	0	24	7	17	24	2	23	C
C	24	18	7	24	23	1	0	0	0	0	0	0	0	1	4	0	0	24	7	18	24	1	23	A
A	24	18	6	24	24	1	0	0	0	0	0	0	0	0	4	7	0	24	6	18	24	1	24	C
C	24	19	6	24	24	0	0	0	0	0	0	0	0	0	1	0	0	24	6	19	24	0	24	A
												$\Delta\tau$ = 13												
C	24	9	15	24	16	9	0	0	0	0	1	10	3	0	0	0	0	24	15	9	24	9	16	A
A	24	10	15	24	16	8	0	0	0	0	1	10	4	0	0	0	0	24	15	10	24	8	16	C
C	24	10	14	24	17	8	0	0	0	0	0	5	6	0	0	0	0	24	14	10	24	8	17	A
A	24	11	14	24	17	7	0	0	0	0	0	6	10	0	0	0	0	24	14	11	24	7	17	C
C	24	11	13	24	18	7	0	0	0	0	0	1	7	1	0	0	0	24	13	11	24	7	18	A
A	24	12	13	24	18	6	0	0	0	0	0	2	12	1	0	0	0	24	13	12	24	6	18	C
C	24	12	12	24	19	6	0	0	0	0	0	0	4	1	0	0	0	24	12	12	24	6	19	A
A	24	13	12	24	19	5	0	0	0	0	0	1	8	5	0	0	0	24	12	13	24	5	19	C
C	24	13	11	24	20	5	0	0	0	0	0	0	1	2	0	0	0	24	11	13	24	5	20	A
A	24	14	11	24	20	4	0	0	0	0	0	0	3	9	0	0	0	24	11	14	24	4	20	C
C	24	14	10	24	21	4	0	0	0	0	0	0	0	2	0	0	0	24	10	14	24	4	21	A
A	24	15	10	24	21	3	0	0	0	0	0	0	1	7	2	0	0	24	10	15	24	3	21	C
C	24	15	9	24	22	3	0	0	0	0	0	0	0	1	0	0	0	24	9	15	24	3	22	A
A	24	16	9	24	22	2	0	0	0	0	0	0	0	3	4	0	0	24	9	16	24	2	22	C
A	24	17	8	24	23	1	0	0	0	0	0	0	0	1	3	0	0	24	8	17	24	1	23	C
A	24	18	7	24	24	0	0	0	0	0	0	0	0	0	1	0	0	24	7	18	24	0	24	C
												$\Delta\tau$ = 14												
B	24	9	16	24	16	9	0	0	0	0	0	2	0	0	0	0	0	24	16	9	24	9	16	B
B	24	9	15	24	16	8	0	0	0	0	1	20	7	0	0	0	0	24	15	9	24	8	16	B
B	24	10	15	24	17	8	0	0	0	0	0	1	1	0	0	0	0	24	15	10	24	8	17	B
B	24	10	14	24	17	7	0	0	0	0	0	11	16	0	0	0	0	24	14	10	24	7	17	B
B	24	11	14	24	18	7	0	0	0	0	0	1	1	0	0	0	0	24	14	11	24	7	18	B
B	24	11	13	24	18	6	0	0	0	0	0	2	19	1	0	0	0	24	13	11	24	6	18	B
B	24	12	13	24	19	6	0	0	0	0	0	0	1	0	0	0	0	24	13	12	24	6	19	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	24	12	12	24	19	5	0	0	0	0	0	0	12	6	0	0	0	24	12	12	24	5	19	B
B	24	13	12	24	20	5	0	0	0	0	0	0	1	1	0	0	0	24	12	13	24	5	20	B
B	24	13	11	24	20	4	0	0	0	0	0	0	3	11	0	0	0	24	11	13	24	4	20	B
B	24	14	11	24	21	4	0	0	0	0	0	0	0	1	0	0	0	24	11	14	24	4	21	B
B	24	14	10	24	21	3	0	0	0	0	0	0	0	9	2	0	0	24	10	14	24	3	21	B
B	24	15	9	24	22	2	0	0	0	0	0	0	0	3	4	0	0	24	9	15	24	2	22	B
B	24	16	8	24	23	1	0	0	0	0	0	0	0	0	3	0	0	24	8	16	24	1	23	B
B	24	17	7	24	24	0	0	0	0	0	0	0	0	0	1	0	0	24	7	17	24	0	24	B
												Δτ = 15												
C	24	9	16	24	16	8	0	0	0	0	0	1	0	0	0	0	0	24	16	9	24	8	16	A
A	24	9	15	24	17	8	0	0	0	0	0	1	1	0	0	0	0	24	15	9	24	8	17	C
C	24	10	15	24	17	7	0	0	0	0	0	1	0	0	0	0	0	24	15	10	24	7	17	A
A	24	10	14	24	18	7	0	0	0	0	0	0	1	0	0	0	0	24	14	10	24	7	18	C
A	24	11	13	24	19	6	0	0	0	0	0	0	1	0	0	0	0	24	13	11	24	6	19	C
A	24	12	12	24	20	5	0	0	0	0	0	0	0	1	0	0	0	24	12	12	24	5	20	C
A	24	13	11	24	21	4	0	0	0	0	0	0	0	1	0	0	0	24	11	13	24	4	21	C
J=24			ΔJ = 1																					
												Δτ = 0												
B	24	12	12	25	13	13	1406000	1383485	1309287	1189950	932837	605658	932837	1189950	1309287	1383485	1406000	24	12	12	25	13	13	B
B	24	13	11	25	14	12	1482000	1462399	1398031	1295615	1083978	718250	757576	1079651	1220154	1306060	1332000	24	11	13	25	12	14	B
B	24	14	10	25	15	11	1560000	1542933	1487032	1398737	1220694	928098	615601	960955	1129633	1229934	1260000	24	10	14	25	11	15	B
B	24	15	9	25	16	10	1640000	1625179	1576727	1500597	1349433	1114175	679083	826514	1036078	1154813	1190000	24	9	15	25	10	16	B
B	24	16	8	25	17	9	1722000	1709201	1667425	1602035	1473529	1279637	917885	675423	936522	1080227	1122000	24	8	16	25	9	17	B
B	24	17	7	25	18	8	1806000	1795050	1759350	1703632	1594923	1433976	1152531	625487	825132	1005371	1056000	24	7	17	25	8	18	B
B	24	18	6	25	19	7	1892000	1882761	1852668	1805805	1714850	1581845	1357625	829178	696056	928752	992000	24	6	18	25	7	19	B
B	24	19	5	25	20	6	1980000	1972362	1947504	1908861	1834151	1725827	1547053	1149610	636696	847277	930000	24	5	19	25	6	20	B
B	24	20	4	25	21	5	2070000	2063876	2043956	2013034	1953427	1867521	1727628	1432403	855454	754546	870000	24	4	20	25	5	21	B
B	24	21	3	25	22	4	2162000	2157319	2142101	2118503	2073119	2007998	1902886	1687078	1277041	668456	812000	24	3	21	25	4	22	B
B	24	22	2	25	23	3	2256000	2252705	2241998	2225411	2193564	2148014	2074935	1927255	1662586	819673	756000	24	2	22	25	3	23	B
B	24	23	1	25	24	2	2352000	2350046	2343697	2333868	2315022	2288127	2245150	2159110	2009035	1434707	702000	24	1	23	25	2	24	B
B	24	24	0	25	25	1	2450000	2449350	2447237	2443967	2437699	2428759	2414487	2385993	2336695	2156596	1300000	24	0	24	25	1	25	B
												Δτ = 1												
C	24	0	24	25	1	24	1300000	413754	268160	229391	209784	201933	198278	196609	196136	196008	196000	24	24	0	25	24	1	A
C	24	1	24	25	2	24	702000	409542	268159	229391	209784	201933	198278	196609	196136	196008	196000	24	24	1	25	24	2	A
C	24	1	23	25	2	23	702000	883070	525450	449432	411001	395620	388461	385194	384266	384015	384000	24	23	1	25	23	2	A
C	24	2	23	25	3	23	756000	751979	525426	449432	411001	395620	388461	385194	384266	384015	384000	24	23	2	25	23	3	A
C	24	2	22	25	3	22	756000	1211240	772443	660220	603666	581064	570550	565752	564390	564023	564000	24	22	2	25	22	3	A
C	24	3	22	25	4	22	812000	923104	771444	660220	603666	581064	570550	565752	564390	564023	564000	24	22	3	25	22	4	A
C	24	3	21	25	4	21	812000	1015406	1025685	861941	787803	758268	744544	738286	736509	736029	736000	24	21	3	25	21	4	A
C	24	4	21	25	5	21	870000	971715	996174	861921	787803	758268	744544	738286	736509	736029	736000	24	21	4	25	21	5	A
C	24	4	20	25	5	20	870000	976620	1350736	1054963	963461	927238	910445	902793	900622	900036	900000	24	20	4	25	20	5	A
C	24	5	20	25	6	20	930000	1007306	1155425	1054426	963461	927238	910445	902793	900622	900036	900000	24	20	5	25	20	6	A
C	24	5	19	25	6	19	930000	1007489	1374585	1246107	1130728	1087986	1068252	1059275	1056729	1056042	1056000	24	19	5	25	19	6	A
C	24	6	19	25	7	19	992000	1052385	1222412	1232773	1130725	1087986	1068252	1059275	1056729	1056042	1056000	24	19	6	25	19	7	A
C	24	6	18	25	7	18	992000	1052390	1250694	1496686	1289754	1240535	1217967	1207731	1204831	1204048	1204000	24	18	6	25	18	7	A
C	24	7	18	25	8	18	1056000	1104863	1251897	1371179	1289691	1240535	1217967	1207731	1204831	1204048	1204000	24	18	7	25	18	8	A
C	24	7	17	25	8	17	1056000	1104863	1253791	1604203	1441036	1384926	1359595	1348160	1344926	1344053	1344000	24	17	7	25	17	8	A
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C	24	8	16	25	9	16	1122000	1162575	1285610	1488867	1599660	1521229	1493142	1480562	1477015	1476059	1476000	24	16	8	25	16	9	A
C	24	9	16	25	10	16	1190000	1224320	1328467	1472929	1573219	1521214	1493142	1480562	1477015	1476059	1476000	24	16	9	25	16	10	A
C	24	9	15	25	10	15	1190000	1224320	1328472	1476711	1798011	1649556	1618621	1604938	1601097	1600063	1600000	24	15	9	25	15	10	A
C	24	10	15	25	11	15	1260000	1289409	1378813	1503394	1667225	1649259	1618621	1604938	1601097	1600063	1600000	24	15	10	25	15	11	A
C	24	10	14	25	11	14	1260000	1289409	1378813	1503671	1801443	1772786	1736054	1721285	1717173	1716068	1716000	24	14	10	25	14	11	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	24	11	14	25	12	14	1332000	1357426	1434862	1542449	1713502	1766471	1736052	1721285	1717173	1716068	1716000	24	14	11	25	14	12	A
C	24	11	13	25	12	13	1332000	1357426	1434862	1542466	1732203	1925371	1845465	1829605	1825240	1824071	1824000	24	13	11	25	13	12	A
C	24	12	13	25	13	13	1406000	1428103	1495536	1589102	1741967	1860127	1845411	1829605	1825240	1824071	1824000	24	13	12	25	13	13	A
C	24	12	12	25	13	12	1406000	1428103	1495536	1589103	1743511	2015615	1947132	1929896	1925299	1924075	1924000	24	12	12	25	12	13	A
C	24	13	12	25	14	12	1482000	1501265	1560129	1641806	1774697	1915201	1945958	1929896	1925299	1924075	1924000	24	12	13	25	12	14	A
C	24	13	11	25	14	11	1482000	1501265	1560129	1641806	1774816	1954463	2053180	2022154	2017346	2016077	2016000	24	11	13	25	11	14	A
C	24	14	11	25	15	11	1560000	1576790	1628159	1699483	1815023	1945730	2032221	2022151	2017346	2016077	2016000	24	11	14	25	11	15	A
C	24	14	10	25	15	10	1560000	1576790	1628159	1699483	1815031	1949284	2166334	2106343	2101377	2100079	2100000	24	10	14	25	10	15	A
C	24	15	10	25	16	10	1640000	1654592	1699286	1761401	1861808	1975447	2091502	2106280	2101377	2100079	2100000	24	10	15	25	10	16	A
C	24	15	9	25	16	9	1640000	1654592	1699286	1761401	1861808	1975740	2154554	2182925	2177382	2176079	2176000	24	9	15	25	9	16	A
C	24	16	9	25	17	9	1722000	1734608	1773263	1827042	1913913	2011657	2124968	2181317	2177382	2176079	2176000	24	9	16	25	9	17	A
C	24	16	8	25	17	8	1722000	1734608	1773263	1827042	1913913	2011677	2132351	2264770	2245328	2244076	2244000	24	8	16	25	8	17	A
C	24	17	8	25	18	8	1806000	1816792	1849908	1896028	1970537	2054072	2152249	2242029	2245320	2244076	2244000	24	8	17	25	8	18	A
C	24	17	7	25	18	7	1806000	1816792	1849908	1896028	1970537	2054073	2152851	2323504	2305157	2304067	2304000	24	7	17	25	7	18	A
C	24	18	7	25	19	7	1892000	1901110	1929082	1968078	2031113	2101669	2184175	2281372	2304876	2304067	2304000	24	7	18	25	7	19	A
C	24	18	6	25	19	6	1892000	1901110	1929082	1968078	2031113	2101669	2184219	2304590	2360684	2356045	2356000	24	6	18	25	6	19	A
C	24	19	6	25	20	6	1980000	1987533	2010680	2042976	2095223	2153677	2221760	2306966	2353866	2356045	2356000	24	6	19	25	6	20	A
C	24	19	5	25	20	5	1980000	1987533	2010680	2042976	2095223	2153677	2221763	2308982	2410239	2399981	2400000	24	5	19	25	5	20	A
C	24	20	5	25	21	5	2070000	2076042	2094617	2120555	2162552	2209549	2264185	2332712	2387705	2399979	2400000	24	5	20	25	5	21	A
C	24	20	4	25	21	4	2070000	2076042	2094617	2120555	2162552	2209549	2264185	2332854	2409777	2435831	2436000	24	4	20	25	4	21	A
C	24	21	4	25	22	4	2162000	2166619	2180827	2200681	2232856	2268883	2310741	2363056	2409887	2435637	2436000	24	4	21	25	4	22	A
C	24	21	3	25	22	3	2162000	2166619	2180827	2200681	2232856	2268883	2310741	2363064	2411917	2465698	2464000	24	3	21	25	3	22	A
C	24	22	3	25	23	3	2256000	2259252	2269258	2283250	2305942	2331371	2360921	2397789	2431210	2461816	2464000	24	3	22	25	3	23	A
C	24	22	2	25	23	2	2256000	2259252	2269258	2283250	2305942	2331371	2360921	2397789	2431327	2480644	2484000	24	2	22	25	2	23	A
C	24	23	2	25	24	2	2352000	2353929	2359867	2368173	2381655	2396774	2414352	2436276	2456128	2478670	2484000	24	2	23	25	2	24	A
C	24	23	1	25	24	1	2352000	2353929	2359867	2368173	2381655	2396774	2414352	2436276	2456132	2481672	2496000	24	1	23	25	1	24	A
C	24	24	1	25	25	1	2450000	2450642	2452618	2455382	2459869	2464902	2470752	2478045	2484641	2492505	2496000	24	1	24	25	1	25	A
C	24	24	0	25	25	0	2450000	2450642	2452618	2455382	2459869	2464902	2470752	2478045	2484641	2492608	2500000	24	0	24	25	0	25	A
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B	24	1	24	25	2	23	702000	37101	9079	5349	3650	2925	2513	2244	2110	2026	2000	24	24	1	25	23	2	B
B	24	2	23	25	3	22	756000	220478	28349	16321	11021	8796	7544	6732	6329	6077	6000	24	23	2	25	22	3	B
B	24	3	22	25	4	21	812000	571900	61095	33264	22192	17635	15099	13463	12657	12153	12000	24	22	3	25	21	4	B
B	24	4	21	25	5	20	870000	749394	144358	56608	37253	29462	25176	22435	21091	20253	20000	24	21	4	25	20	5	B
B	24	5	20	25	6	19	930000	847086	390316	87605	56290	44289	37772	33641	31626	30377	30000	24	20	5	25	19	6	B
B	24	6	19	25	7	18	992000	928747	666087	148169	79346	62116	52871	47067	44257	42522	42000	24	19	6	25	18	7	B
B	24	7	18	25	8	17	1056000	1005371	823056	334674	106323	82902	70443	62695	58972	56685	56000	24	18	7	25	17	8	B
B	24	8	17	25	9	16	1122000	1080227	936401	624626	139744	106515	90424	80489	75754	72863	72000	24	17	8	25	16	9	B
B	24	9	16	25	10	15	1190000	1154813	1036073	822187	221417	132578	112695	100393	94576	91048	90000	24	16	9	25	15	10	B
B	24	10	15	25	11	14	1260000	1229934	1129633	960635	452473	160731	137018	122318	115395	111231	110000	24	15	10	25	14	11	B
B	24	11	14	25	12	13	1332000	1306060	1220154	1079631	735403	207541	162884	146109	138147	133394	132000	24	14	11	25	13	12	B
B	24	12	13	25	13	12	1406000	1383485	1309287	1189949	930890	364969	189224	171499	162723	157514	156000	24	13	12	25	12	13	B
B	24	13	12	25	14	11	1482000	1462399	1398031	1295615	1083826	667416	219217	197988	188949	183550	182000	24	12	13	25	11	14	B
B	24	14	11	25	15	10	1560000	1542933	1487032	1398737	1220684	923135	311826	224557	216523	211438	210000	24	11	14	25	10	15	B
B	24	15	10	25	16	9	1640000	1625179	1576727	1500597	1349432	1113754	580786	249334	244891	241068	240000	24	10	15	25	9	16	B
B	24	16	9	25	17	8	1722000	1709201	1667425	1602035	1473529	1279607	906029	282924	272951	272247	272000	24	9	16	25	8	17	B
B	24	17	8	25	18	7	1806000	1795050	1759350	1703632	1594923	1433974	1151512	426347	298406	304610	306000	24	8	17	25	7	18	B
B	24	18	7	25	19	6	1892000	1882761	1852668	1805805	1714850	1581845	1357551	781918	322919	337420	342000	24	7	18	25	6	19	B
B	24	19	6	25	20	5	1980000	1972362	1947504	1908861	1834151	1725827	1547049	1145218	427707	369011	380000	24	6	19	25	5	20	B
B	24	20	5	25	21	4	2070000	2063876	2043956	2013034	1953427	1867521	1727628	1432087	790797	395851	420000	24	5	20	25	4	21	B
B	24	21	4	25	22	3	2162000	2157319	2142101	2118503	2073119	2007998	1902886	1687061	1270827	437923	462000	24	4	21	25	3	22	B
B	24	22	3	25	23	2	2256000	2252705	2241998	2225411	2193564	2148014	2074935	1927254	1662220	705680	506000	24	3	22	25	2	23	B
B	24	23	2	25	24	1	2352000	2350046	2343697	2333868	2315022	2288127	2245150	2159110	2009022	1416386	552000	24	2	23	25	1	24	B
B	24	24	1	25	25	0	2450000	2449350	2447237	2443967	2437699	2428759	2414487	2385993	2336694	2155947	1200000	24	1	24	25	0	25	B
												$\Delta\tau$ = 3												
A	24	0	24	25	2	23	0	935	912	1072	1279	1463	1634	1795	1899	1975	2000	24	24	0	25	23	2	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	24	1	24	25	3	23	0	675	912	1072	1279	1463	1634	1795	1899	1975	2000	24	24	1	25	23	3	C
A	24	1	23	25	3	22	0	4464	2881	3288	3871	4408	4910	5389	5698	5925	6000	24	23	1	25	22	3	C
A	24	2	23	25	4	22	0	1372	2872	3288	3871	4408	4910	5389	5698	5925	6000	24	23	2	25	22	4	C
A	24	2	22	25	4	21	0	3455	6381	6768	7832	8861	9843	10786	11399	11851	12000	24	22	2	25	21	4	C
A	24	3	22	25	5	21	0	1226	6002	6768	7832	8861	9843	10786	11399	11851	12000	24	22	3	25	21	5	C
A	24	3	21	25	5	20	0	1393	15132	11734	13249	14866	16452	17996	19005	19753	20000	24	21	3	25	20	5	C
A	24	4	21	25	6	20	0	869	9380	11715	13249	14866	16452	17996	19005	19753	20000	24	21	4	25	20	6	C
A	24	4	20	25	6	19	0	874	25262	18803	20262	22491	24772	27033	28523	29632	30000	24	20	4	25	19	6	C
A	24	5	20	25	7	19	0	632	10198	18304	20262	22491	24772	27033	28523	29632	30000	24	20	5	25	19	7	C
A	24	5	19	25	7	18	0	632	14421	33121	29114	31840	34852	37917	39961	41491	42000	24	19	5	25	18	7	C
A	24	6	19	25	8	18	0	483	8551	25311	29107	31840	34852	37917	39961	41491	42000	24	19	6	25	18	8	C
A	24	6	18	25	8	17	0	483	8847	57946	40270	43078	46768	50680	53333	55332	56000	24	18	6	25	17	8	C
A	24	7	18	25	9	17	0	383	6769	28097	40124	43078	46768	50680	53333	55332	56000	24	18	7	25	17	9	C
A	24	7	17	25	9	16	0	383	6782	42756	55877	56483	60637	65372	68658	71161	72000	24	17	7	25	16	9	C
A	24	8	17	25	10	16	0	311	5457	25129	53081	56478	60637	65372	68658	71161	72000	24	17	8	25	16	10	C
A	24	8	16	25	10	15	0	311	5458	26620	90935	72546	76645	82064	85969	88983	90000	24	16	8	25	15	10	C
A	24	9	16	25	11	15	0	258	4496	20774	63734	72466	76645	82064	85969	88983	90000	24	16	9	25	15	11	C
A	24	9	15	25	11	14	0	258	4496	20857	120119	92634	95091	100869	105311	108810	110000	24	15	9	25	14	11	C
A	24	10	15	25	12	14	0	216	3762	17212	64095	91262	95089	100869	105311	108810	110000	24	15	10	25	14	12	C
A	24	10	14	25	12	13	0	216	3762	17216	79560	128672	116493	121963	126756	130658	132000	24	14	10	25	13	12	C
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A	24	11	13	25	13	12	0	183	3181	14451	57255	195722	141923	145628	150417	154552	156000	24	13	11	25	12	13	C
A	24	12	13	25	14	12	0	156	2708	12246	47102	116284	141320	145628	150417	154552	156000	24	13	12	25	12	14	C
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A	24	13	12	25	15	11	0	133	2312	10428	39702	106052	168086	172330	176471	180532	182000	24	12	13	25	11	15	C
A	24	13	11	25	15	10	0	133	2312	10428	39707	111946	260378	202933	205210	208662	210000	24	11	13	25	10	15	C
A	24	14	11	25	16	10	0	114	1974	8891	33621	90037	184885	202821	205210	208662	210000	24	11	14	25	10	16	C
A	24	14	10	25	16	9	0	114	1974	8891	33621	90396	292656	239539	237133	239052	240000	24	10	14	25	9	16	C
A	24	15	10	25	17	9	0	97	1681	7563	28477	75551	176012	237644	237131	239052	240000	24	10	15	25	9	17	C
A	24	15	9	25	17	8	0	97	1681	7563	28477	75573	198626	299841	273142	271887	272000	24	9	15	25	8	17	C
A	24	16	9	25	18	8	0	82	1423	6396	24016	63270	150540	271304	273090	271887	272000	24	9	16	25	8	18	C
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A	24	17	8	25	19	7	0	69	1192	5354	20068	52633	124371	279744	314188	307506	306000	24	8	17	25	7	19	C
A	24	17	7	25	19	6	0	69	1192	5354	20068	52634	124456	387077	375210	346563	342000	24	7	17	25	6	19	C
A	24	18	7	25	20	6	0	57	982	4411	16515	43194	101358	247546	356916	346560	342000	24	7	18	25	6	20	C
A	24	18	6	25	20	5	0	57	982	4411	16515	43194	101362	260400	524475	390435	380000	24	6	18	25	5	20	C
A	24	19	6	25	21	5	0	46	790	3548	13274	34656	80964	198999	372554	390324	380000	24	6	19	25	5	21	C
A	24	19	5	25	21	4	0	46	790	3548	13274	34656	80965	199633	552670	443315	420000	24	5	19	25	4	21	C
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A	24	21	4	25	23	3	0	26	446	2004	7492	19526	45427	110458	239890	478034	462000	24	4	21	25	3	23	C
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A	24	22	3	25	24	2	0	17	290	1302	4867	12679	29474	71500	154943	416759	506000	24	3	22	25	2	24	C
A	24	22	2	25	24	1	0	17	290	1302	4867	12679	29474	71500	154975	542361	552000	24	2	22	25	1	24	C
A	24	23	2	25	25	1	0	8	142	636	2377	6192	14389	34871	75421	224448	552000	24	2	23	25	1	25	C
A	24	23	1	25	25	0	0	8	142	636	2377	6192	14389	34871	75421	228874	1200000	24	1	23	25	0	25	C
												$\Delta\tau$ = 4												
B	24	0	24	25	3	23	0	25954	9078	5349	3650	2925	2513	2244	2110	2026	2000	24	24	0	25	23	3	B
B	24	1	23	25	4	22	0	35923	28246	16321	11021	8796	7544	6732	6329	6077	6000	24	23	1	25	22	4	B
B	24	2	22	25	5	21	0	9307	56930	33261	22192	17635	15099	13463	12657	12153	12000	24	22	2	25	21	5	B
B	24	3	21	25	6	20	0	2217	75574	56497	37253	29462	25176	22435	21091	20253	20000	24	21	3	25	20	6	B
B	24	4	20	25	7	19	0	941	41778	84777	56289	44289	37772	33641	31626	30377	30000	24	20	4	25	19	7	B
B	24	5	19	25	8	18	0	487	12503	102805	79321	62116	52871	47067	44257	42522	42000	24	19	5	25	18	8	B
B	24	6	18	25	9	17	0	277	5461	68542	105828	82902	70443	62695	58972	56685	56000	24	18	6	25	17	9	B
B	24	7	17	25	10	16	0	168	3160	24194	130598	106505	90424	80489	75754	72863	72000	24	17	7	25	16	10	B

	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		
B	24	8	16	25	11	15	0	106	1970	10766	124925	132388	112695	100393	94576	91048	90000	24	16	8	25	15	11	B
B	24	9	15	25	12	14	0	70	1281	6527	63800	157497	137015	122318	115395	111231	110000	24	15	9	25	14	12	B
B	24	10	14	25	13	13	0	47	856	4256	24491	163426	162816	146109	138147	133394	132000	24	14	10	25	13	13	B
B	24	11	13	25	14	12	0	32	583	2858	13392	107287	188107	171499	162723	157514	156000	24	13	11	25	12	14	B
B	24	12	12	25	15	11	0	22	402	1951	8721	42221	201953	197979	188949	183550	182000	24	12	12	25	11	15	B
B	24	13	11	25	16	10	0	15	278	1343	5859	20406	161866	224390	216523	211438	210000	24	11	13	25	10	16	B
B	24	14	10	25	17	9	0	11	192	925	3973	12870	71667	246539	244889	241068	240000	24	10	14	25	9	17	B
B	24	15	9	25	18	8	0	7	132	633	2691	8472	29692	242175	272885	272247	272000	24	9	15	25	8	18	B
B	24	16	8	25	19	7	0	5	89	427	1801	5569	17114	154597	297092	304610	306000	24	8	16	25	7	19	B
B	24	17	7	25	20	6	0	3	59	281	1179	3600	10676	56724	299954	337417	342000	24	7	17	25	6	20	B
B	24	18	6	25	21	5	0	2	37	178	743	2250	6531	24492	213377	368889	380000	24	6	18	25	5	21	B
B	24	19	5	25	22	4	0	1	22	106	442	1329	3801	13215	74824	392133	420000	24	5	19	25	4	22	B
B	24	20	4	25	23	3	0	1	12	57	238	714	2020	6808	24612	359381	462000	24	4	20	25	3	23	B
B	24	21	3	25	24	2	0	0	5	26	108	322	905	2987	9728	155954	506000	24	3	21	25	2	24	B
B	24	22	2	25	25	1	0	0	2	8	33	98	273	888	2796	23644	552000	24	2	22	25	1	25	B
												$\Delta\tau$ = 5												
C	24	0	24	25	3	22	0	9831	458	139	46	18	7	2	0	0	0	24	24	0	25	22	3	A
C	24	1	24	25	4	22	0	2231	456	139	46	18	7	2	0	0	0	24	24	1	25	22	4	A
C	24	1	23	25	4	21	0	31054	2357	632	199	77	28	7	2	0	0	24	23	1	25	21	4	A
C	24	2	23	25	5	21	0	3302	2207	632	199	77	28	7	2	0	0	24	23	2	25	21	5	A
C	24	2	22	25	5	20	0	9053	10541	1842	552	209	76	20	4	0	0	24	22	2	25	20	5	A
C	24	3	22	25	6	20	0	1899	6038	1838	552	209	76	20	4	0	0	24	22	3	25	20	6	A
C	24	3	21	25	6	19	0	2163	40518	4502	1237	458	164	43	9	1	0	24	21	3	25	19	6	A
C	24	4	21	25	7	19	0	912	9200	4370	1237	458	164	43	9	1	0	24	21	4	25	19	7	A
C	24	4	20	25	7	18	0	917	35905	11941	2468	885	313	81	18	1	0	24	20	4	25	18	7	A
C	24	5	20	25	8	18	0	475	7708	8727	2467	885	313	81	18	1	0	24	20	5	25	18	8	A
C	24	5	19	25	8	17	0	475	11306	38257	4617	1583	551	141	31	2	0	24	19	5	25	17	8	A
C	24	6	19	25	9	17	0	270	4756	12680	4598	1583	551	141	31	2	0	24	19	6	25	17	9	A
C	24	6	18	25	9	16	0	270	4929	49209	8624	2692	916	233	51	3	0	24	18	6	25	16	9	A
C	24	7	18	25	10	16	0	163	2841	11823	8131	2692	916	233	51	3	0	24	18	7	25	16	10	A
C	24	7	17	25	10	15	0	163	2847	19509	20111	4449	1466	368	80	5	0	24	17	7	25	15	10	A
C	24	8	17	25	11	15	0	104	1774	8146	12765	4444	1466	368	80	5	0	24	17	8	25	15	11	A
C	24	8	16	25	11	14	0	104	1774	8674	49137	7327	2287	564	123	7	0	24	16	8	25	14	11	A
C	24	9	16	25	12	14	0	68	1153	5217	15060	7201	2287	564	123	7	0	24	16	9	25	14	12	A
C	24	9	15	25	12	13	0	68	1153	5239	40005	13527	3522	848	184	11	0	24	15	9	25	13	12	A
C	24	10	15	25	13	13	0	46	771	3410	12516	11116	3521	848	184	11	0	24	15	10	25	13	13	A
C	24	10	14	25	13	12	0	46	771	3411	16185	33061	5427	1259	270	15	0	24	14	10	25	12	13	A
C	24	11	14	25	14	12	0	31	525	2289	8577	14345	5400	1259	270	15	0	24	14	11	25	12	14	A
C	24	11	13	25	14	11	0	31	525	2289	8789	45984	8760	1860	395	22	0	24	13	11	25	11	14	A
C	24	12	13	25	15	11	0	22	362	1562	5688	13443	8182	1860	395	22	0	24	13	12	25	11	15	A
C	24	12	12	25	15	10	0	22	362	1562	5697	21504	18330	2756	574	33	0	24	12	12	25	10	15	A
C	24	13	12	25	16	10	0	15	250	1075	3819	9736	11256	2755	574	33	0	24	12	13	25	10	16	A
C	24	13	11	25	16	9	0	15	250	1075	3819	10373	37488	4155	837	47	0	24	11	13	25	9	16	A
C	24	14	11	25	17	9	0	10	173	740	2587	6461	11863	4115	837	47	0	24	11	14	25	9	17	A
C	24	14	10	25	17	8	0	10	173	740	2587	6490	24951	6873	1234	69	0	24	10	14	25	8	17	A
C	24	15	10	25	18	8	0	7	119	506	1750	4254	9148	6058	1234	69	0	24	10	15	25	8	18	A
C	24	15	9	25	18	7	0	7	119	506	1750	4255	10641	15586	1858	101	0	24	9	15	25	7	18	A
C	24	16	9	25	19	7	0	5	80	341	1171	2792	5993	7722	1851	101	0	24	9	16	25	7	19	A
C	24	16	8	25	19	6	0	5	80	341	1171	2792	6065	24596	2982	153	0	24	8	16	25	6	19	A
C	24	17	8	25	20	6	0	3	53	225	766	1803	3757	7057	2804	153	0	24	8	17	25	6	20	A
C	24	17	7	25	20	5	0	3	53	225	766	1803	3760	11570	6427	238	0	24	7	17	25	5	20	A
C	24	18	7	25	21	5	0	2	34	142	483	1126	2293	4681	3843	238	0	24	7	18	25	5	21	A
C	24	18	6	25	21	4	0	2	34	142	483	1126	2293	4991	13627	391	0	24	6	18	25	4	21	A
C	24	19	6	25	22	4	0	1	20	85	287	665	1333	2655	3696	388	0	24	6	19	25	4	22	A
C	24	19	5	25	22	3	0	1	20	85	287	665	1333	2665	7456	755	0	24	5	19	25	3	22	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	24	20	5	25	23	3	0	1	11	46	155	357	708	1366	2241	639	0	24	5	20	25	3	23	A
C	24	20	4	25	23	2	0	1	11	46	155	357	708	1366	2501	2311	0	24	4	20	25	2	23	A
C	24	21	4	25	24	2	0	0	5	21	70	161	317	598	972	791	0	24	4	21	25	2	24	A
C	24	21	3	25	24	1	0	0	5	21	70	161	317	598	978	3186	0	24	3	21	25	1	24	A
C	24	22	3	25	25	1	0	0	1	6	21	49	96	178	280	393	0	24	3	22	25	1	25	A
C	24	22	2	25	25	0	0	0	1	6	21	49	96	178	280	592	0	24	2	22	25	0	25	A
												$\Delta\tau$ = 6												
B	24	1	24	25	4	21	0	1985	47	8	2	1	0	0	0	0	0	24	24	1	25	21	4	B
B	24	2	23	25	5	20	0	3352	491	54	12	4	1	0	0	0	0	24	23	2	25	20	5	B
B	24	3	22	25	6	19	0	1946	3774	224	43	13	4	1	0	0	0	24	22	3	25	19	6	B
B	24	4	21	25	7	18	0	935	9303	920	126	36	11	3	1	0	0	24	21	4	25	18	7	B
B	24	5	20	25	8	17	0	487	8455	4668	331	89	26	6	1	0	0	24	20	5	25	17	8	B
B	24	6	19	25	9	16	0	277	5268	13043	846	201	58	13	3	0	0	24	19	6	25	16	9	B
B	24	7	18	25	10	15	0	168	3153	14300	2719	435	119	26	5	0	0	24	18	7	25	15	10	B
B	24	8	17	25	11	14	0	106	1970	10097	10420	933	237	51	10	1	0	24	17	8	25	14	11	B
B	24	9	16	25	12	13	0	70	1281	6498	20137	2264	463	96	19	1	0	24	16	9	25	13	12	B
B	24	10	15	25	13	12	0	47	856	4255	18688	7777	907	179	36	2	0	24	15	10	25	12	13	B
B	24	11	14	25	14	11	0	32	583	2858	13060	21037	1883	331	65	4	0	24	14	11	25	11	14	B
B	24	12	13	25	15	10	0	22	402	1951	8706	25182	5260	618	118	6	0	24	13	12	25	10	15	B
B	24	13	12	25	16	9	0	15	278	1343	5859	19098	17566	1189	216	12	0	24	12	13	25	9	16	B
B	24	14	11	25	17	8	0	11	192	925	3973	12809	29531	2570	406	21	0	24	11	14	25	8	17	B
B	24	15	10	25	18	7	0	7	132	633	2691	8469	25271	8156	792	40	0	24	10	15	25	7	18	B
B	24	16	9	25	19	6	0	5	89	427	1801	5569	16902	25098	1694	80	0	24	9	16	25	6	19	B
B	24	17	8	25	20	5	0	3	59	281	1179	3600	10667	32339	5148	168	0	24	8	17	25	5	20	B
B	24	18	7	25	21	4	0	2	37	178	743	2250	6531	22887	19931	387	0	24	7	18	25	4	21	B
B	24	19	6	25	22	3	0	1	22	106	442	1329	3801	13160	32655	1107	0	24	6	19	25	3	22	B
B	24	20	5	25	23	2	0	1	12	57	238	714	2020	6806	21908	5704	0	24	5	20	25	2	23	B
B	24	21	4	25	24	1	0	0	5	26	108	322	905	2987	9666	22537	0	24	4	21	25	1	24	B
B	24	22	3	25	25	0	0	0	2	8	33	98	273	888	2795	15275	0	24	3	22	25	0	25	B
												$\Delta\tau$ = 7												
A	24	0	24	25	4	21	0	48	5	2	1	0	0	0	0	0	0	24	24	0	25	21	4	C
A	24	1	24	25	5	21	0	4	4	2	1	0	0	0	0	0	0	24	24	1	25	21	5	C
A	24	1	23	25	5	20	0	56	49	11	4	2	1	0	0	0	0	24	23	1	25	20	5	C
A	24	2	23	25	6	20	0	3	28	11	4	2	1	0	0	0	0	24	23	2	25	20	6	C
A	24	2	22	25	6	19	0	9	374	45	15	6	3	1	0	0	0	24	22	2	25	19	6	C
A	24	3	22	25	7	19	0	1	75	44	15	6	3	1	0	0	0	24	22	3	25	19	7	C
A	24	3	21	25	7	18	0	1	804	184	44	18	7	2	0	0	0	24	21	3	25	18	7	C
A	24	4	21	25	8	18	0	0	88	134	44	18	7	2	0	0	0	24	21	4	25	18	8	C
A	24	4	20	25	8	17	0	0	368	928	116	45	17	5	1	0	0	24	20	4	25	17	8	C
A	24	5	20	25	9	17	0	0	54	285	115	45	17	5	1	0	0	24	20	5	25	17	9	C
A	24	5	19	25	9	16	0	0	79	2364	296	101	38	10	2	0	0	24	19	5	25	16	9	C
A	24	6	19	25	10	16	0	0	25	349	279	101	38	10	2	0	0	24	19	6	25	16	10	C
A	24	6	18	25	10	15	0	0	26	1549	952	218	77	21	5	0	0	24	18	6	25	15	10	C
A	24	7	18	25	11	15	0	0	11	248	595	217	77	21	5	0	0	24	18	7	25	15	11	C
A	24	7	17	25	11	14	0	0	12	414	3578	467	154	41	9	1	0	24	17	7	25	14	11	C
A	24	8	17	25	12	14	0	0	6	131	931	459	154	41	9	1	0	24	17	8	25	14	12	C
A	24	8	16	25	12	13	0	0	6	140	5701	1133	301	77	17	1	0	24	16	8	25	13	12	C
A	24	9	16	25	13	13	0	0	3	66	906	926	301	77	17	1	0	24	16	9	25	13	13	C
A	24	9	15	25	13	12	0	0	3	66	2603	3873	590	143	32	2	0	24	15	9	25	12	13	C
A	24	10	15	25	14	12	0	0	2	34	582	1565	587	143	32	2	0	24	15	10	25	12	14	C
A	24	10	14	25	14	11	0	0	2	34	758	9565	1225	264	58	3	0	24	14	10	25	11	14	C
A	24	11	14	25	15	11	0	0	1	18	311	1797	1143	264	58	3	0	24	14	11	25	11	15	C
A	24	11	13	25	15	10	0	0	1	18	318	7040	3423	494	106	6	0	24	13	11	25	10	15	C
A	24	12	13	25	16	10	0	0	0	10	163	1321	2047	494	106	6	0	24	13	12	25	10	16	C
A	24	12	12	25	16	9	0	0	0	10	163	2158	11041	952	194	11	0	24	12	12	25	9	16	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	24	13	12	25	17	9	0	0	0	6	87	735	2741	943	194	11	0	24	12	13	25	9	17	C
A	24	13	11	25	17	8	0	0	0	6	87	784	13929	2059	365	21	0	24	11	13	25	8	17	C
A	24	14	11	25	18	8	0	0	0	3	47	377	2324	1808	365	21	0	24	11	14	25	8	18	C
A	24	14	10	25	18	7	0	0	0	3	47	379	5211	6518	713	39	0	24	10	14	25	7	18	C
A	24	15	10	25	19	7	0	0	0	2	25	193	1345	3049	711	39	0	24	10	15	25	7	19	C
A	24	15	9	25	19	6	0	0	0	2	25	193	1572	18581	1526	78	0	24	9	15	25	6	19	C
A	24	16	9	25	20	6	0	0	0	1	13	98	656	3484	1433	78	0	24	9	16	25	6	20	C
A	24	16	8	25	20	5	0	0	0	1	13	98	664	14793	4636	164	0	24	8	16	25	5	20	C
A	24	17	8	25	21	5	0	0	0	0	7	48	304	2346	2697	164	0	24	8	17	25	5	21	C
A	24	17	7	25	21	4	0	0	0	0	7	48	304	3967	17299	377	0	24	7	17	25	4	21	C
A	24	18	7	25	22	4	0	0	0	0	3	22	134	1069	3477	374	0	24	7	18	25	4	22	C
A	24	18	6	25	22	3	0	0	0	0	3	22	134	1141	19894	1080	0	24	6	18	25	3	22	C
A	24	19	6	25	23	3	0	0	0	0	1	9	53	398	2294	912	0	24	6	19	25	3	23	C
A	24	19	5	25	23	2	0	0	0	0	1	9	53	400	4909	5549	0	24	5	19	25	2	23	C
A	24	20	5	25	24	2	0	0	0	0	0	3	17	122	788	1770	0	24	5	20	25	2	24	C
A	24	20	4	25	24	1	0	0	0	0	0	3	17	122	882	19976	0	24	4	20	25	1	24	C
A	24	21	4	25	25	1	0	0	0	0	0	1	4	24	148	1253	0	24	4	21	25	1	25	C
A	24	21	3	25	25	0	0	0	0	0	0	1	4	24	149	6533	0	24	3	21	25	0	25	C
												$\Delta\tau$ = 8												
B	24	0	24	25	5	21	0	139	44	8	2	1	0	0	0	0	0	24	24	0	25	21	5	B
B	24	1	23	25	6	20	0	91	279	54	12	4	1	0	0	0	0	24	23	1	25	20	6	B
B	24	2	22	25	7	19	0	10	742	218	43	13	4	1	0	0	0	24	22	2	25	19	7	B
B	24	3	21	25	8	18	0	1	759	668	126	36	11	3	1	0	0	24	21	3	25	18	8	B
B	24	4	20	25	9	17	0	0	234	1407	329	89	26	6	1	0	0	24	20	4	25	17	9	B
B	24	5	19	25	10	16	0	0	38	1562	797	201	58	13	3	0	0	24	19	5	25	16	10	B
B	24	6	18	25	11	15	0	0	9	666	1693	435	119	26	5	0	0	24	18	6	25	15	11	B
B	24	7	17	25	12	14	0	0	3	134	2575	916	237	51	10	1	0	24	17	7	25	14	12	B
B	24	8	16	25	13	13	C	0	1	35	2055	1848	463	96	19	1	0	24	16	8	25	13	13	B
B	24	9	15	25	14	12	0	0	1	13	654	3080	902	179	36	2	0	24	15	9	25	12	14	B
B	24	10	14	25	15	11	0	0	0	5	146	3192	1755	331	65	4	0	24	14	10	25	11	15	B
B	24	11	13	25	16	10	0	0	0	2	48	1446	3125	617	118	6	0	24	13	11	25	10	16	B
B	24	12	12	25	17	9	C	0	0	1	20	328	3987	1178	216	12	0	24	12	12	25	9	17	B
B	24	13	11	25	18	8	0	0	0	0	8	92	2524	2255	405	21	0	24	11	13	25	8	18	B
B	24	14	10	25	19	7	0	0	0	0	4	34	646	3761	789	40	0	24	10	14	25	7	19	B
B	24	15	9	25	20	6	0	0	0	0	1	13	143	3924	1591	80	0	24	9	15	25	6	20	B
B	24	16	8	25	21	5	0	0	0	0	1	5	45	1635	2979	168	0	24	8	16	25	5	21	B
B	24	17	7	25	22	4	0	0	0	0	0	2	15	286	3652	383	0	24	7	17	25	4	22	B
B	24	18	6	25	23	3	0	0	0	0	0	1	4	54	1685	935	0	24	6	18	25	3	23	B
B	24	19	5	25	24	2	0	0	0	0	0	0	1	11	216	1802	0	24	5	19	25	2	24	B
B	24	20	4	25	25	1	0	0	0	0	0	0	0	2	17	1154	0	24	4	20	25	1	25	B
												$\Delta\tau$ = 9												
C	24	0	24	25	5	20	0	134	8	0	0	0	0	0	0	0	0	24	24	0	25	20	5	A
C	24	1	24	25	6	20	0	6	4	0	0	0	0	0	0	0	0	24	24	1	25	20	6	A
C	24	1	23	25	6	19	0	89	142	4	0	0	0	0	0	0	0	24	23	1	25	19	6	A
C	24	2	23	25	7	19	0	4	28	4	0	0	0	0	0	0	0	24	23	2	25	19	7	A
C	24	2	22	25	7	18	0	10	612	29	2	0	0	0	0	0	0	24	22	2	25	18	7	A
C	24	3	22	25	8	18	0	1	59	21	2	0	0	0	0	0	0	24	22	3	25	18	8	A
C	24	3	21	25	8	17	0	1	678	230	7	1	0	0	0	0	0	24	21	3	25	17	8	A
C	24	4	21	25	9	17	0	0	50	70	7	1	0	0	0	0	0	24	21	4	25	17	9	A
C	24	4	20	25	9	16	0	0	210	938	26	3	0	0	0	0	0	24	20	4	25	16	9	A
C	24	5	20	25	10	16	0	0	23	126	24	3	0	0	0	0	0	24	20	5	25	16	10	A
C	24	5	19	25	10	15	0	0	34	1224	113	8	1	0	0	0	0	24	19	5	25	15	10	A
C	24	6	19	25	11	15	0	0	8	118	71	8	1	0	0	0	0	24	19	6	25	15	11	A
C	24	6	18	25	11	14	0	0	8	532	593	23	2	0	0	0	0	24	18	6	25	14	11	A
C	24	7	18	25	12	14	0	0	3	64	151	22	2	0	0	0	0	24	18	7	25	14	12	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 24 7 17 25 12 13	0	0	3	107	1485	73	6	0	0	0	0	24 17 7 25 13 12 A
C 24 8 17 25 13 13	0	0	1	26	195	59	6	0	0	0	0	24 17 8 25 13 13 A
C 24 8 16 25 13 12	0	0	1	28	1319	328	15	1	0	0	0	24 16 8 25 12 13 A
C 24 9 16 25 14 12	0	0	0	11	146	131	15	1	0	0	0	24 16 9 25 12 14 A
C 24 9 15 25 14 11	0	0	0	11	425	1158	39	2	0	0	0	24 15 9 25 11 14 A
C 24 10 15 25 15 11	0	0	0	4	73	198	36	2	0	0	0	24 15 10 25 11 15 A
C 24 10 14 25 15 10	0	0	0	4	95	1533	140	4	0	0	0	24 14 10 25 10 15 A
C 24 11 14 25 16 10	0	0	0	2	31	178	83	4	0	0	0	24 14 11 25 10 16 A
C 24 11 13 25 16 9	0	0	0	2	31	721	613	11	0	0	0	24 13 11 25 9 16 A
C 24 12 13 25 17 9	0	0	0	1	13	100	146	11	0	0	0	24 13 12 25 9 17 A
C 24 12 12 25 17 8	0	0	0	1	13	164	1255	30	1	0	0	24 12 12 25 8 17 A
C 24 13 12 25 18 8	0	0	0	0	5	43	158	26	1	0	0	24 12 13 25 8 18 A
C 24 13 11 25 18 7	0	0	0	0	5	46	874	123	3	0	0	24 11 13 25 7 18 A
C 24 14 11 25 19 7	0	0	0	0	2	17	100	57	3	0	0	24 11 14 25 7 19 A
C 24 14 10 25 19 6	0	0	0	0	2	17	226	504	7	0	0	24 10 14 25 6 19 A
C 24 15 10 25 20 6	0	0	0	0	1	7	43	87	7	0	0	24 10 15 25 6 20 A
C 24 15 9 25 20 5	0	0	0	0	1	7	50	742	30	0	0	24 9 15 25 5 20 A
C 24 16 9 25 21 5	0	0	0	0	0	3	15	73	17	0	0	24 9 16 25 5 21 A
C 24 16 8 25 21 4	0	0	0	0	0	3	16	326	158	0	0	24 8 16 25 4 21 A
C 24 17 8 25 22 4	0	0	0	0	0	1	5	34	30	0	0	24 8 17 25 4 22 A
C 24 17 7 25 22 3	0	0	0	0	0	1	5	57	332	1	0	24 7 17 25 3 22 A
C 24 18 7 25 23 3	0	0	0	0	0	0	2	10	27	1	0	24 7 18 25 3 23 A
C 24 18 6 25 23 2	0	0	0	0	0	0	2	11	167	5	0	24 6 18 25 2 23 A
C 24 19 6 25 24 2	0	0	0	0	0	0	0	2	10	2	0	24 6 19 25 2 24 A
C 24 19 5 25 24 1	0	0	0	0	0	0	0	2	22	33	0	24 5 19 25 1 24 A
C 24 20 5 25 25 1	0	0	0	0	0	0	0	0	1	2	0	24 5 20 25 1 25 A
C 24 20 4 25 25 0	0	0	0	0	0	0	0	0	2	28	0	24 4 20 25 0 25 A
						$\Delta\tau = 10$						
B 24 1 24 25 6 19	0	6	3	0	0	0	0	0	0	0	0	24 24 1 25 19 6 B
B 24 2 23 25 7 18	0	4	29	1	0	0	0	0	0	0	0	24 23 2 25 18 7 B
B 24 3 22 25 8 17	0	1	65	12	0	0	0	0	0	0	0	24 22 3 25 17 8 B
B 24 4 21 25 9 16	0	0	56	73	1	0	0	0	0	0	0	24 21 4 25 16 9 B
B 24 5 20 25 10 15	0	0	26	154	8	0	0	0	0	0	0	24 20 5 25 15 10 B
B 24 6 19 25 11 14	0	0	9	147	59	2	0	0	0	0	0	24 19 6 25 14 11 B
B 24 7 18 25 12 13	0	0	3	80	205	7	0	0	0	0	0	24 18 7 25 13 12 B
B 24 8 17 25 13 12	0	0	1	33	295	42	2	0	0	0	0	24 17 8 25 12 13 B
B 24 9 16 25 14 11	0	0	1	13	225	197	5	0	0	0	0	24 16 9 25 11 14 B
B 24 10 15 25 15 10	0	0	0	5	112	379	24	1	0	0	0	24 15 10 25 10 15 B
B 24 11 14 25 16 9	0	0	0	2	47	355	133	2	0	0	0	24 14 11 25 9 16 B
B 24 12 13 25 17 8	0	0	0	1	20	200	374	7	0	0	0	24 13 12 25 8 17 B
B 24 13 12 25 18 7	0	0	0	0	8	86	444	36	1	0	0	24 12 13 25 7 18 B
B 24 14 11 25 19 6	0	0	0	0	4	34	285	192	2	0	0	24 11 14 25 6 19 B
B 24 15 10 25 20 5	0	0	0	0	1	13	123	410	13	0	0	24 10 15 25 5 20 B
B 24 16 9 25 21 4	0	0	0	0	1	5	44	364	91	0	0	24 9 16 25 4 21 B
B 24 17 8 25 22 3	0	0	0	0	0	2	15	169	276	0	0	24 8 17 25 3 22 B
B 24 18 7 25 23 2	0	0	0	0	0	1	4	50	267	5	0	24 7 18 25 2 23 B
B 24 19 6 25 24 1	0	0	0	0	0	0	1	11	100	48	0	24 6 19 25 1 24 B
B 24 20 5 25 25 0	0	0	0	0	0	0	0	2	15	73	0	24 5 20 25 0 25 B
						$\Delta\tau = 11$						
A 24 1 23 25 7 18	0	0	3	0	0	0	0	0	0	0	0	24 23 1 25 18 7 C
A 24 2 22 25 8 17	0	0	6	2	0	0	0	0	0	0	0	24 22 2 25 17 8 C
A 24 3 22 25 9 17	0	0	0	1	0	0	0	0	0	0	0	24 22 3 25 17 9 C
A 24 3 21 25 9 16	0	0	5	15	0	0	0	0	0	0	0	24 21 3 25 16 9 C
A 24 4 21 25 10 16	0	0	0	2	0	0	0	0	0	0	0	24 21 4 25 16 10 C
A 24 4 20 25 10 15	0	0	1	30	3	0	0	0	0	0	0	24 20 4 25 15 10 C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	24	5	20	25	11	15	0	0	0	3	2	0	0	0	0	0	0	24	20	5	25	15	11	C
A	24	5	19	25	11	14	0	0	0	26	20	1	0	0	0	0	0	24	19	5	25	14	11	C
A	24	6	19	25	12	14	0	0	0	2	5	1	0	0	0	0	0	24	19	6	25	14	12	C
A	24	6	18	25	12	13	0	0	0	9	72	4	0	0	0	0	0	24	18	6	25	13	12	C
A	24	7	18	25	13	13	0	0	0	1	9	3	0	0	0	0	0	24	18	7	25	13	13	C
A	24	7	17	25	13	12	0	0	0	1	100	21	1	0	0	0	0	24	17	7	25	12	13	C
A	24	8	17	25	14	12	0	0	0	0	9	8	1	0	0	0	0	24	17	8	25	12	14	C
A	24	8	16	25	14	11	0	0	0	0	63	98	3	0	0	0	0	24	16	8	25	11	14	C
A	24	9	16	25	15	11	0	0	0	0	5	17	3	0	0	0	0	24	16	9	25	11	15	C
A	24	9	15	25	15	10	0	0	0	0	15	187	15	0	0	0	0	24	15	9	25	10	15	C
A	24	10	15	25	16	10	0	0	0	0	2	20	9	0	0	0	0	24	15	10	25	10	16	C
A	24	10	14	25	16	9	0	0	0	0	3	158	87	2	0	0	0	24	14	10	25	9	16	C
A	24	11	14	25	17	9	0	0	0	0	1	14	21	2	0	0	0	24	14	11	25	9	17	C
A	24	11	13	25	17	8	0	0	0	0	1	55	242	5	0	0	0	24	13	11	25	8	17	C
A	24	12	13	25	18	8	0	0	0	0	0	6	29	5	0	0	0	24	13	12	25	8	18	C
A	24	12	12	25	18	7	0	0	0	0	0	10	274	28	1	0	0	24	12	12	25	7	18	C
A	24	13	12	25	19	7	0	0	0	0	0	2	23	13	1	0	0	24	12	13	25	7	19	C
A	24	13	11	25	19	6	0	0	0	0	0	2	131	153	2	0	0	24	11	13	25	6	19	C
A	24	14	11	25	20	6	0	0	0	0	0	1	11	26	2	0	0	24	11	14	25	6	20	C
A	24	14	10	25	20	5	0	0	0	0	0	1	25	325	11	0	0	24	10	14	25	5	20	C
A	24	15	10	25	21	5	0	0	0	0	0	0	3	29	7	0	0	24	10	15	25	5	21	C
A	24	15	9	25	21	4	0	0	0	0	0	0	4	263	82	0	0	24	9	15	25	4	21	C
A	24	16	9	25	22	4	0	0	0	0	0	0	1	17	16	0	0	24	9	16	25	4	22	C
A	24	16	8	25	22	3	0	0	0	0	0	0	1	75	247	0	0	24	8	16	25	3	22	C
A	24	17	8	25	23	3	0	0	0	0	0	0	0	5	19	0	0	24	8	17	25	3	23	C
A	24	17	7	25	23	2	0	0	0	0	0	0	0	9	228	5	0	24	7	17	25	2	23	C
A	24	18	7	25	24	2	0	0	0	0	0	0	0	1	10	2	0	24	7	18	25	2	24	C
A	24	18	6	25	24	1	0	0	0	0	0	0	0	1	60	47	0	24	6	18	25	1	24	C
A	24	19	6	25	25	1	0	0	0	0	0	0	0	0	2	3	0	24	6	19	25	1	25	C
A	24	19	5	25	25	0	0	0	0	0	0	0	0	0	3	71	0	24	5	19	25	0	25	C
												Δτ = 12												
B	24	0	24	25	7	19	0	0	1	0	0	0	0	0	0	0	0	24	24	0	25	19	7	B
B	24	1	23	25	8	18	0	0	3	1	0	0	0	0	0	0	0	24	23	1	25	18	8	B
B	24	2	22	25	9	17	0	0	4	3	0	0	0	0	0	0	0	24	22	2	25	17	9	B
B	24	3	21	25	10	16	0	0	2	10	1	0	0	0	0	0	0	24	21	3	25	16	10	B
B	24	4	20	25	11	15	0	0	0	13	5	0	0	0	0	0	0	24	20	4	25	15	11	B
B	24	5	19	25	12	14	0	0	0	9	15	2	0	0	0	0	0	24	19	5	25	14	12	B
B	24	6	18	25	13	13	0	0	0	2	26	6	0	0	0	0	0	24	18	6	25	13	13	B
B	24	7	17	25	14	12	0	0	0	0	25	17	2	0	0	0	0	24	17	7	25	12	14	B
B	24	8	16	25	15	11	0	0	0	0	12	33	5	0	0	0	0	24	16	8	25	11	15	B
B	24	9	15	25	16	10	0	0	0	0	2	39	14	1	0	0	0	24	15	9	25	10	16	B
B	24	10	14	25	17	9	0	0	0	0	0	24	32	2	0	0	0	24	14	10	25	9	17	B
B	24	11	13	25	18	8	0	0	0	0	0	6	44	6	0	0	0	24	13	11	25	8	18	B
B	24	12	12	25	19	7	0	0	0	0	0	1	34	17	1	0	0	24	12	12	25	7	19	B
B	24	13	11	25	20	6	0	0	0	0	0	0	12	33	2	0	0	24	11	13	25	6	20	B
B	24	14	10	25	21	5	0	0	0	0	0	0	2	36	7	0	0	24	10	14	25	5	21	B
B	24	15	9	25	22	4	0	0	0	0	0	0	0	19	17	0	0	24	9	15	25	4	22	B
B	24	16	8	25	23	3	0	0	0	0	0	0	0	4	21	0	0	24	8	16	25	3	23	B
B	24	17	7	25	24	2	0	0	0	0	0	0	0	0	10	2	0	24	7	17	25	2	24	B
B	24	18	6	25	25	1	0	0	0	0	0	0	0	0	1	3	0	24	6	18	25	1	25	B
												Δτ = 13												
C	24	1	23	25	8	17	0	0	2	0	0	0	0	0	0	0	0	24	23	1	25	17	8	A
C	24	2	22	25	9	16	0	0	4	2	0	0	0	0	0	0	0	24	22	2	25	16	9	A
C	24	3	21	25	10	15	0	0	2	8	0	0	0	0	0	0	0	24	21	3	25	15	10	A
C	24	4	21	25	11	15	0	0	0	1	0	0	0	0	0	0	0	24	21	4	25	15	11	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	24	4	20	25	11	14	0	0	0	11	2	0	0	0	0	0	0	24	20	4	25	14	11	A
C	24	5	20	25	12	14	0	0	0	1	0	0	0	0	0	0	0	24	20	5	25	14	12	A
C	24	5	19	25	12	13	0	0	0	7	9	0	0	0	0	0	0	24	19	5	25	13	12	A
C	24	6	19	25	13	13	0	0	0	0	1	0	0	0	0	0	0	24	19	6	25	13	13	A
C	24	6	18	25	13	12	0	0	0	2	17	1	0	0	0	0	0	24	18	6	25	12	13	A
C	24	7	18	25	14	12	0	0	0	0	1	0	0	0	0	0	0	24	18	7	25	12	14	A
C	24	7	17	25	14	11	0	0	0	0	16	5	0	0	0	0	0	24	17	7	25	11	14	A
C	24	8	17	25	15	11	0	0	0	0	1	1	0	0	0	0	0	24	17	8	25	11	15	A
C	24	8	16	25	15	10	0	0	0	0	8	16	0	0	0	0	0	24	16	8	25	10	15	A
C	24	9	16	25	16	10	0	0	0	0	1	2	0	0	0	0	0	24	16	9	25	10	16	A
C	24	9	15	25	16	9	0	0	0	0	2	19	3	0	0	0	0	24	15	9	25	9	16	A
C	24	10	15	25	17	9	0	0	0	0	0	1	1	0	0	0	0	24	15	10	25	9	17	A
C	24	10	14	25	17	8	0	0	0	0	0	12	10	0	0	0	0	24	14	10	25	8	17	A
C	24	11	14	25	18	8	0	0	0	0	0	1	1	0	0	0	0	24	14	11	25	8	18	A
C	24	11	13	25	18	7	0	0	0	0	0	3	15	0	0	0	0	24	13	11	25	7	18	A
C	24	12	13	25	19	7	0	0	0	0	0	0	1	0	0	0	0	24	13	12	25	7	19	A
C	24	12	12	25	19	6	0	0	0	0	0	0	12	2	0	0	0	24	12	12	25	6	19	A
C	24	13	12	25	20	6	0	0	0	0	0	0	1	0	0	0	0	24	12	13	25	6	20	A
C	24	13	11	25	20	5	0	0	0	0	0	0	4	6	0	0	0	24	11	13	25	5	20	A
C	24	14	11	25	21	5	0	0	0	0	0	0	0	1	0	0	0	24	11	14	25	5	21	A
C	24	14	10	25	21	4	0	0	0	0	0	0	1	7	0	0	0	24	10	14	25	4	21	A
C	24	15	9	25	22	3	0	0	0	0	0	0	0	4	2	0	0	24	9	15	25	3	22	A
C	24	16	8	25	23	2	0	0	0	0	0	0	0	1	2	0	0	24	8	16	25	2	23	A
C	24	17	7	25	24	1	0	0	0	0	0	0	0	0	1	0	0	24	7	17	25	1	24	A
												$\Delta\tau$ = 14												
B	24	4	21	25	11	14	0	0	0	1	0	0	0	0	0	0	0	24	21	4	25	14	11	B
B	24	5	20	25	12	13	0	0	0	1	1	0	0	0	0	0	0	24	20	5	25	13	12	B
B	24	6	19	25	13	12	0	0	0	0	2	0	0	0	0	0	0	24	19	6	25	12	13	B
B	24	7	18	25	14	11	0	0	0	0	2	1	0	0	0	0	0	24	18	7	25	11	14	B
B	24	8	17	25	15	10	0	0	0	0	2	2	0	0	0	0	0	24	17	8	25	10	15	B
B	24	9	16	25	16	9	0	0	0	0	1	3	0	0	0	0	0	24	16	9	25	9	16	B
B	24	10	15	25	17	8	0	0	0	0	0	3	2	0	0	0	0	24	15	10	25	8	17	B
B	24	11	14	25	18	7	0	0	0	0	0	2	3	0	0	0	0	24	14	11	25	7	18	B
B	24	12	13	25	19	6	0	0	0	0	0	1	4	0	0	0	0	24	13	12	25	6	19	B
B	24	13	12	25	20	5	0	0	0	0	0	0	2	2	0	0	0	24	12	13	25	5	20	B
B	24	14	11	25	21	4	0	0	0	0	0	0	1	3	0	0	0	24	11	14	25	4	21	B
B	24	15	10	25	22	3	0	0	0	0	0	0	0	2	1	0	0	24	10	15	25	3	22	B
B	24	16	9	25	23	2	0	0	0	0	0	0	0	1	1	0	0	24	9	16	25	2	23	B
B	24	17	8	25	24	1	0	0	0	0	0	0	0	0	1	0	0	24	8	17	25	1	24	B
												$\Delta\tau$ = 15												
A	24	5	19	25	13	12	0	0	0	0	1	0	0	0	0	0	0	24	19	5	25	12	13	C
A	24	6	18	25	14	11	0	0	0	0	1	0	0	0	0	0	0	24	18	6	25	11	14	C
A	24	7	17	25	15	10	0	0	0	0	1	1	0	0	0	0	0	24	17	7	25	10	15	C
A	24	8	16	25	16	9	0	0	0	0	0	2	0	0	0	0	0	24	16	8	25	9	16	C
A	24	9	15	25	17	8	0	0	0	0	0	1	1	0	0	0	0	24	15	9	25	8	17	C
A	24	10	14	25	18	7	0	0	0	0	0	1	2	0	0	0	0	24	14	10	25	7	18	C
A	24	11	13	25	19	6	0	0	0	0	0	0	2	0	0	0	0	24	13	11	25	6	19	C
A	24	12	12	25	20	5	0	0	0	0	0	0	1	1	0	0	0	24	12	12	25	5	20	C
A	24	13	11	25	21	4	0	0	0	0	0	0	0	2	0	0	0	24	11	13	25	4	21	C
A	24	14	10	25	22	3	0	0	0	0	0	0	0	2	1	0	0	24	10	14	25	3	22	C
A	24	15	9	25	23	2	0	0	0	0	0	0	0	1	1	0	0	24	9	15	25	2	23	C
A	24	16	8	25	24	1	0	0	0	0	0	0	0	0	1	0	0	24	8	16	25	1	24	C

J=25 ΔJ = 0

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
												Δτ = 1												
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C	25	13	12	25	14	12	918000	899009	840156	756050	609425	443763	824988	1058390	1114327	1128956	1129846	25	12	13	25	12	14	A
A	25	14	12	25	14	11	1537846	1537223	1527024	1488749	1346285	954559	576633	794709	911457	990701	1016077	25	12	14	25	11	14	C
C	25	14	11	25	15	11	863077	846521	795317	722655	599468	441050	541426	861069	930515	948306	949385	25	11	14	25	11	15	A
A	25	15	11	25	15	10	1765385	1764860	1756276	1724206	1607214	1317332	655047	793029	935793	1029460	1059231	25	11	15	25	10	15	C
C	25	15	10	25	16	10	804231	789786	745173	682146	576998	448851	344887	671771	761290	783291	784615	25	10	15	25	10	16	A
A	25	16	10	25	16	9	2008615	2008173	2000942	1974005	1876922	1648561	1018104	767731	949934	1062984	1098462	25	10	16	25	9	16	C
C	25	16	9	25	17	9	741462	728890	690097	635454	545169	438891	301171	481480	606005	633880	635538	25	9	16	25	9	17	A
A	25	17	9	25	17	8	2267538	2267167	2261091	2238500	2157705	1972691	1510029	740971	949769	1090578	1133769	25	9	17	25	8	17	C
C	25	17	8	25	18	8	674769	663893	630354	583204	505769	416353	303284	293023	463315	500026	502154	25	8	17	25	8	18	A
A	25	18	8	25	18	7	2542154	2541843	2536770	2517934	2450905	2299813	1947548	928333	927188	1111019	1165154	25	8	18	25	7	18	C
C	25	18	7	25	19	7	604154	594841	566138	525839	459908	384620	292964	189227	329605	381637	384462	25	7	18	25	7	19	A
A	25	19	7	25	19	6	2832462	2832205	2828017	2812481	2757384	2634409	2357157	1505370	883256	1121967	1192615	25	7	19	25	6	19	C
C	25	19	6	25	20	6	529615	521769	497592	463677	408329	345543	270645	169600	199890	278525	282462	25	6	19	25	6	20	A
A	25	20	6	25	20	5	3138462	3138254	3134858	3122271	3077732	2978961	2760385	2151659	1005903	1118426	1216154	25	6	20	25	5	20	C
C	25	20	5	25	21	5	451154	444701	424823	396956	351548	300247	239717	160723	111402	190219	196154	25	5	20	25	5	21	A
A	25	21	5	25	21	4	3460154	3459990	3457314	3447398	3412369	3335018	3165761	2718100	1641602	1090237	1235769	25	5	21	25	4	21	C
C	25	21	4	25	22	4	368769	363658	347916	325854	289943	249470	202006	141489	84637	115166	125538	25	4	21	25	4	22	A
A	25	22	4	25	22	3	3797538	3797415	3795401	3787938	3761605	3703621	3577644	3252732	2534663	1084600	1251462	25	4	22	25	3	22	C
C	25	22	3	25	23	3	282462	278656	266933	250510	223794	193727	158586	114280	72914	54478	70615	25	3	22	25	3	23	A
A	25	23	3	25	23	2	4150615	4150530	4149130	4143947	4125672	4085508	3998645	3777714	3317962	1561320	1263231	25	3	23	25	2	23	C
C	25	23	2	25	24	2	192231	189705	181928	171032	153315	133392	110148	80997	54294	25256	31385	25	2	23	25	2	24	A
A	25	24	2	25	24	1	4519385	4519334	4518513	4515471	4504752	4481222	4430478	4302433	4042630	2929706	1271077	25	2	24	25	1	24	C
C	25	24	1	25	25	1	98077	96817	92939	87506	78673	68744	57171	42688	29520	13533	7846	25	1	24	25	1	25	A
A	25	25	1	25	25	0	4903846	4903829	4903557	4902546	4898986	4891175	4874343	4831979	4746690	4402994	2550000	25	1	25	25	0	25	C
												Δτ = 2												
B	25	12	13	25	13	12	969000	991091	1062638	1174011	1399190	1996135	1399190	1174011	1062638	991091	969000	25	13	12	25	12	13	B
B	25	13	13	25	14	12	918000	937196	999391	1095874	1285458	1519328	1394436	1174009	1062638	991091	969000	25	13	13	25	12	14	B
B	25	13	12	25	14	11	918000	937196	999391	1095874	1285787	1697282	1561920	1254441	1124575	1041678	1016077	25	12	13	25	11	14	B
B	25	14	12	25	15	11	863077	879821	934090	1018125	1181501	1419301	1494891	1254403	1124575	1041678	1016077	25	12	14	25	11	15	B
B	25	14	11	25	15	10	863077	879821	934090	1018125	1181521	1435277	1912813	1340406	1186326	1089216	1059231	25	11	14	25	10	15	B
B	25	15	11	25	16	10	804231	818845	866229	939531	1081073	1288838	1525888	1339758	1186325	1089216	1059231	25	11	15	25	10	16	B
B	25	15	10	25	16	9	804231	818845	866229	939531	1081074	1289895	1874026	1440406	1249673	1134109	1098462	25	10	15	25	9	16	B
B	25	16	10	25	17	9	741462	754185	795449	859254	981960	1160008	1437329	1430661	1249663	1134109	1098462	25	10	16	25	9	17	B
B	25	16	9	25	17	8	741462	754185	795449	859254	981960	1160076	1490419	1629551	1317647	1177003	1133769	25	9	16	25	8	17	B
B	25	17	9	25	18	8	674769	685779	721493	776705	882632	1035020	1283479	1501814	1317415	1177003	1133769	25	9	17	25	8	18	B
B	25	17	8	25	18	7	674769	685779	721493	776705	882632	1035024	1286780	1982836	1396746	1219002	1165154	25	8	17	25	7	18	B
B	25	18	8	25	19	7	604154	613582	644171	691457	782050	911700	1121562	1470869	1392606	1219001	1165154	25	8	18	25	7	19	B
B	25	18	7	25	19	6	604154	613582	644171	691457	782050	911700	1121761	1726299	1527971	1262100	1192615	25	7	18	25	6	19	B
B	25	19	7	25	20	6	529615	537560	563340	603192	679482	788323	963016	1307563	1461559	1262090	1192615	25	7	19	25	6	20	B
B	25	19	6	25	20	5	529615	537560	563340	603192	679482	788323	963026	1331818	1898921	1310291	1216154	25	6	19	25	5	20	B
B	25	20	6	25	21	5	451154	457688	478892	511672	574395	663718	806338	1092216	1438484	1309927	1216154	25	6	20	25	5	21	B
B	25	20	5	25	21	4	451154	457688	478892	511672	574395	663718	806338	1093407	1838438	1375402	1235769	25	5	20	25	4	21	B
B	25	21	5	25	22	4	368769	373945	390743	416712	466390	537063	649571	873652	1237270	1365456	1235769	25	5	21	25	4	22	B
B	25	21	4	25	22	3	368769	373945	390743	416712	466390	537063	649571	873705	1288699	1570502	1251462	25	4	21	25	3	22	B
B	25	22	4	25	23	3	282462	286316	298826	318167	355162	407762	491364	657084	938591	1381978	1251462	25	4	22	25	3	23	B
B	25	22	3	25	23	2	282462	286316	298826	318167	355162	407762	491364	657085	940546	2020763	1263231	25	3	22	25	2	23	B
B	25	23	3	25	24	2	192231	194788	203090	215925	240474	275369	330785	440376	626435	1153383	1263231	25	3	23	25	2	24	B
B	25	23	2	25	24	1	192231	194788	203090	215925	240474	275369	330785	440376	626490	1398270	1271077	25	2	23	25	1	24	B
B	25	24	2	25	25	1	98077	99352	103492	109894	122137	139538	167164	221747	314256	621469	1271077	25	2	24	25	1	25	B
B	25	24	1	25	25	0	98077	99352	103492	109894	122137	139538	167164	221747	314257	629161	2550000	25	1	24	25	0	25	B
												Δτ = 3												
A	25	12	13	25	14	12	0	108	1871	8539	33955	174981	597100	780879	879143	947128	969000	25	13	12	25	12	14	C
C	25	13	13	25	14	11	918000	899009	840156	756050	609145	341968	46772	11168	2434	140	0	25	13	13	25	11	14	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	25	13	12	25	15	11	0	83	1435	6526	25561	83175	527891	794671	911457	990701	1016077	25	12	13	25	11	15	C
C	25	14	12	25	15	10	863077	846521	795317	722655	599450	431207	83208	14679	3173	182	0	25	12	14	25	10	15	A
A	25	14	11	25	16	10	0	63	1095	4964	19246	54914	331305	792402	935792	1029460	1059231	25	11	14	25	10	16	C
C	25	15	11	25	16	9	804231	789786	745173	682146	576997	448120	184552	19552	4165	238	0	25	11	15	25	9	16	A
A	25	15	10	25	17	9	0	48	826	3739	14392	40126	144393	758613	949924	1062984	1098462	25	10	15	25	9	17	C
C	25	16	10	25	17	8	741462	728890	690097	635454	545169	438842	278981	28226	5534	314	0	25	10	16	25	8	17	A
A	25	16	9	25	18	8	0	35	614	2774	10621	29229	79071	629144	949531	1090578	1133769	25	9	16	25	8	18	C
C	25	17	9	25	18	7	674769	663893	630354	583204	505769	416351	301645	57256	7501	422	0	25	9	17	25	7	18	A
A	25	17	8	25	19	7	0	26	446	2013	7678	20931	53879	334832	922936	1111019	1165154	25	8	17	25	7	19	C
C	25	18	8	25	19	6	604154	594841	566138	525839	459908	384620	292856	124259	10749	581	0	25	8	18	25	6	19	A
A	25	18	7	25	20	6	0	18	314	1417	5387	14582	36862	133880	818099	1121957	1192615	25	7	18	25	6	20	C
C	25	19	7	25	20	5	529615	521769	497592	463677	408329	345543	270639	163159	20687	826	0	25	7	19	25	5	20	A
A	25	19	6	25	21	5	0	12	212	954	3619	9744	24316	71438	495204	1118048	1216154	25	6	19	25	5	21	C
C	25	20	6	25	21	4	451154	444701	424823	396956	351548	300247	239717	160336	51887	1240	0	25	6	20	25	4	21	A
A	25	20	5	25	22	4	0	8	134	602	2280	6113	15107	42657	172171	1079802	1235769	25	5	20	25	4	22	C
C	25	21	5	25	22	3	368769	363658	347916	325854	289943	249470	202006	141470	77697	2175	0	25	5	21	25	3	22	A
A	25	21	4	25	23	3	0	4	76	343	1298	3469	8509	23515	67107	886366	1251462	25	4	21	25	3	23	C
C	25	22	4	25	23	2	282462	278656	266933	250510	223794	193727	158586	114279	72577	6317	0	25	4	22	25	2	23	A
A	25	22	3	25	24	2	0	2	36	164	618	1647	4017	10926	29186	344719	1263231	25	3	22	25	2	24	C
C	25	23	3	25	24	1	192231	189705	181928	171032	153315	133392	110148	80997	54283	16009	0	25	3	23	25	1	24	A
A	25	23	2	25	25	1	0	1	12	52	197	524	1271	3414	8875	55176	1271077	25	2	23	25	1	25	C
C	25	24	2	25	25	0	98077	96817	92939	87506	78673	68744	57171	42688	29520	13198	0	25	2	24	25	0	25	A
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C	25	12	13	25	15	11	0	15	251	1103	4327	25089	43423	11168	2434	140	0	25	13	12	25	11	15	A
A	25	13	13	25	15	10	0	83	1435	6526	25551	66855	18922	2988	654	39	0	25	13	13	25	10	15	C
C	25	13	12	25	16	10	0	9	156	679	2549	8694	46661	14670	3173	182	0	25	12	13	25	10	16	A
A	25	14	12	25	16	9	0	63	1095	4964	19246	53894	55084	5124	1077	63	0	25	12	14	25	9	16	C
C	25	14	11	25	17	9	0	6	96	416	1519	4266	27792	19355	4165	238	0	25	11	14	25	9	17	A
A	25	15	11	25	17	8	0	48	826	3739	14392	40073	85307	9870	1823	105	0	25	11	15	25	8	17	C
C	25	15	10	25	18	8	0	3	58	252	901	2382	8986	24595	5533	314	0	25	10	15	25	8	18	A
A	25	16	10	25	18	7	0	35	614	2774	10621	29226	74203	27852	3219	181	0	25	10	16	25	7	18	C
C	25	16	9	25	19	7	0	2	35	149	525	1338	3507	23919	7472	422	0	25	9	16	25	7	19	A
A	25	17	9	25	19	6	0	26	446	2013	7678	20931	53644	77002	6230	325	0	25	9	17	25	6	19	C
C	25	17	8	25	20	6	0	1	20	85	296	736	1744	10921	10071	581	0	25	8	17	25	6	20	A
A	25	18	8	25	20	5	0	18	314	1417	5387	14582	36851	94674	17110	623	0	25	8	18	25	5	20	C
C	25	18	7	25	21	5	0	1	11	46	159	387	874	2972	11469	826	0	25	7	18	25	5	21	A
A	25	19	7	25	21	4	0	12	212	954	3619	9744	24315	69225	60037	1311	0	25	7	19	25	4	21	C
C	25	19	6	25	22	4	0	0	5	23	79	189	413	1047	6436	1229	0	25	6	19	25	4	22	A
A	25	20	6	25	22	3	0	8	134	602	2280	6113	15107	42577	92514	3440	0	25	6	20	25	3	22	C
C	25	20	5	25	23	3	0	0	2	10	34	82	175	404	1416	1830	0	25	5	20	25	3	23	A
A	25	21	5	25	23	2	0	4	76	343	1298	3469	8509	23513	62641	16241	0	25	5	21	25	2	23	C
C	25	21	4	25	24	2	0	0	1	4	12	29	60	132	298	1826	0	25	4	21	25	2	24	A
A	25	22	4	25	24	1	0	2	36	164	618	1647	4017	10926	29083	59258	0	25	4	22	25	1	24	C
C	25	22	3	25	25	1	0	0	0	1	3	6	13	28	55	390	0	25	3	22	25	1	25	A
A	25	23	3	25	25	0	0	1	12	52	197	524	1271	3414	8873	38746	0	25	3	23	25	0	25	C
												$\Delta\tau$ = 6												
B	25	11	14	25	14	11	0	24	448	2252	12066	93259	12066	2252	448	24	0	25	14	11	25	11	14	B
B	25	12	14	25	15	11	0	15	278	1379	6636	20497	11254	2252	448	24	0	25	14	12	25	11	15	B
B	25	12	13	25	15	10	0	15	278	1379	6670	49685	29236	3738	726	39	0	25	13	12	25	10	15	B
B	25	13	13	25	16	10	0	10	173	848	3924	14318	17577	3736	726	39	0	25	13	13	25	10	16	B
B	25	13	12	25	16	9	0	10	173	848	3925	17491	78737	6417	1197	65	0	25	12	13	25	9	16	B
B	25	14	12	25	17	9	0	6	107	520	2338	8408	20699	6355	1197	65	0	25	12	14	25	9	17	B
B	25	14	11	25	17	8	0	6	107	520	2338	8557	74504	12384	2026	108	0	25	11	14	25	8	17	B
B	25	15	11	25	18	8	0	4	65	314	1386	4764	16203	10880	2025	108	0	25	11	15	25	8	18	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	25	15	10	25	18	7	0	4	65	314	1386	4770	25785	34766	3579	185	0	25	10	15	25	7	18	B
B	25	16	10	25	19	7	0	2	39	186	807	2677	9477	16388	3565	185	0	25	10	16	25	7	19	B
B	25	16	9	25	19	6	0	2	39	186	807	2677	10057	83909	6935	333	C	25	9	16	25	6	19	B
B	25	17	9	25	20	6	0	1	22	106	455	1472	4970	16929	6514	333	0	25	9	17	25	6	20	B
B	25	17	8	25	20	5	0	1	22	106	455	1472	4991	53090	19044	639	0	25	8	17	25	5	20	B
B	25	18	8	25	21	5	0	1	12	57	244	774	2497	10867	11101	639	0	25	8	18	25	5	21	B
B	25	18	7	25	21	4	0	1	12	57	244	774	2498	14911	62970	1345	0	25	7	18	25	4	21	B
B	25	19	7	25	22	4	0	0	6	29	121	379	1180	5089	13025	1334	0	25	7	19	25	4	22	B
B	25	19	6	25	22	3	0	0	6	29	121	379	1180	5243	60052	3530	0	25	6	19	25	3	22	B
B	25	20	6	25	23	3	0	0	3	13	53	164	499	2020	8086	2981	0	25	6	20	25	3	23	B
B	25	20	5	25	23	2	0	0	3	13	53	164	499	2023	14163	16604	0	25	5	20	25	2	23	B
B	25	21	5	25	24	2	0	0	1	4	19	58	172	659	2794	5306	0	25	5	21	25	2	24	B
B	25	21	4	25	24	1	0	0	1	4	19	58	172	659	2984	53665	0	25	4	21	25	1	24	B
B	25	22	4	25	25	1	0	0	0	1	4	13	37	138	550	3474	0	25	4	22	25	1	25	B
B	25	22	3	25	25	0	0	0	0	1	4	13	37	138	552	15397	0	25	3	22	25	0	25	B
												$\Delta\tau$ = 7												
A	25	11	14	25	15	11	0	0	1	14	285	7631	7277	1801	403	24	0	25	14	11	25	11	15	C
C	25	12	14	25	15	10	0	15	251	1103	4305	9737	895	30	1	0	0	25	14	12	25	10	15	A
A	25	12	13	25	16	10	0	0	0	7	124	2528	11183	2986	654	39	0	25	13	12	25	10	16	C
C	25	13	13	25	16	9	0	9	156	679	2548	7088	3419	65	3	0	0	25	13	13	25	9	16	A
A	25	13	12	25	17	9	0	0	0	4	58	664	11821	5075	1077	63	0	25	12	13	25	9	17	C
C	25	14	12	25	17	8	0	6	96	416	1519	4190	6440	160	6	0	0	25	12	14	25	8	17	A
A	25	14	11	25	18	8	0	0	0	2	27	251	5636	8658	1822	105	0	25	11	14	25	8	18	C
C	25	15	11	25	18	7	0	3	58	252	901	2379	5564	593	13	0	0	25	11	15	25	7	18	A
A	25	15	10	25	19	7	0	0	0	1	13	108	1345	12748	3206	181	0	25	10	15	25	7	19	C
C	25	16	10	25	19	6	0	2	35	149	525	1338	3302	2178	33	0	0	25	10	16	25	6	19	A
A	25	16	9	25	20	6	0	0	0	0	6	47	387	11207	5850	325	0	25	9	16	25	6	20	C
C	25	17	9	25	20	5	0	1	20	85	296	736	1737	3170	121	0	0	25	9	17	25	5	20	A
A	25	17	8	25	21	5	0	0	0	0	3	19	142	3733	9881	623	0	25	8	17	25	5	21	C
C	25	18	8	25	21	4	0	1	11	46	159	387	873	2153	587	1	0	25	8	18	25	4	21	A
A	25	18	7	25	22	4	0	0	0	0	1	8	51	687	10695	1300	0	25	7	18	25	4	22	C
C	25	19	7	25	22	3	0	0	5	23	79	189	413	1016	1175	2	0	25	7	19	25	3	22	A
A	25	19	6	25	23	3	0	0	0	0	0	3	16	158	4100	2904	0	25	6	19	25	3	23	C
C	25	20	6	25	23	2	0	0	2	10	34	82	175	404	800	17	0	25	6	20	25	2	23	A
A	25	20	5	25	24	2	0	0	0	0	0	1	4	36	503	5122	0	25	5	20	25	2	24	C
C	25	21	5	25	24	1	0	0	1	4	12	29	60	132	279	96	0	25	5	21	25	1	24	A
A	25	21	4	25	25	1	0	0	0	0	0	0	1	5	45	294C	0	25	4	21	25	1	25	C
C	25	22	4	25	25	0	0	0	0	1	3	6	13	28	55	85	0	25	4	22	25	0	25	A
												$\Delta\tau$ = 9												
A	25	11	15	25	15	10	0	0	1	14	265	1238	112	4	0	0	0	25	15	11	25	10	15	C
C	25	11	14	25	16	10	0	0	0	2	28	760	533	30	1	0	0	25	14	11	25	10	16	A
A	25	12	14	25	16	9	0	0	0	7	123	1008	554	10	0	0	0	25	14	12	25	9	16	C
C	25	12	13	25	17	9	0	0	0	1	10	192	801	64	3	0	0	25	13	12	25	9	17	A
A	25	13	13	25	17	8	0	0	0	4	58	542	1353	32	1	0	0	25	13	13	25	8	17	C
C	25	13	12	25	18	8	0	0	0	0	4	39	683	140	6	0	0	25	12	13	25	8	18	A
A	25	14	12	25	18	7	0	0	0	2	27	246	1414	153	3	0	0	25	12	14	25	7	18	C
C	25	14	11	25	19	7	0	0	0	0	1	11	243	275	13	0	0	25	11	14	25	7	19	A
A	25	15	11	25	19	6	0	0	0	1	13	108	838	737	11	0	0	25	11	15	25	6	19	C
C	25	15	10	25	20	6	0	0	0	0	0	4	43	365	31	0	0	25	10	15	25	6	20	A
A	25	16	10	25	20	5	0	0	0	0	6	47	364	1408	51	0	0	25	10	16	25	5	20	C
C	25	16	9	25	21	5	0	0	0	0	0	1	9	237	70	0	0	25	9	16	25	5	21	A
A	25	17	9	25	21	4	0	0	0	0	3	19	141	1130	334	0	0	25	9	17	25	4	21	C
C	25	17	8	25	22	4	0	0	0	0	0	0	2	54	112	1	0	25	8	17	25	4	22	A
A	25	18	8	25	22	3	0	0	0	0	1	8	51	499	919	2	0	25	8	18	25	3	22	C
C	25	18	7	25	23	3	0	0	0	0	0	0	1	6	83	2	0	25	7	18	25	3	23	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	25	19	7	25	23	2	0	0	0	0	0	3	16	153	810	18	0	25	7	19	25	2	23	C
C	25	19	6	25	24	2	0	0	0	0	0	0	0	1	18	5	0	25	6	19	25	2	24	A
A	25	20	6	25	24	1	0	0	0	0	0	1	4	36	286	150	0	25	6	20	25	1	24	C
C	25	20	5	25	25	1	0	0	0	0	0	0	0	0	1	5	0	25	5	20	25	1	25	A
A	25	21	5	25	25	0	0	0	0	0	0	0	1	5	43	207	0	25	5	21	25	0	25	C
												$\Delta\tau$ = 10												
B	25	10	15	25	15	10	0	0	0	5	173	2374	173	5	0	0	0	25	15	10	25	10	15	B
B	25	11	15	25	16	10	0	0	0	2	40	257	103	5	0	0	0	25	15	11	25	10	16	B
B	25	11	14	25	16	9	0	0	0	2	43	1514	851	13	1	0	0	25	14	11	25	9	16	B
B	25	12	14	25	17	9	0	0	0	1	15	154	202	13	1	0	0	25	14	12	25	9	17	B
B	25	12	13	25	17	8	0	0	0	1	15	385	2053	40	1	0	0	25	13	12	25	8	17	B
B	25	13	13	25	18	8	0	0	0	0	6	64	248	35	1	0	0	25	13	13	25	8	18	B
B	25	13	12	25	18	7	0	0	0	0	6	78	1928	192	4	0	0	25	12	13	25	7	18	B
B	25	14	12	25	19	7	0	0	0	0	2	22	176	89	4	0	0	25	12	14	25	7	19	B
B	25	14	11	25	19	6	0	0	0	0	2	23	694	920	12	0	0	25	11	14	25	6	19	B
B	25	15	11	25	20	6	0	0	0	0	1	8	77	158	11	0	0	25	11	15	25	6	20	B
B	25	15	10	25	20	5	0	0	0	0	1	8	123	1722	57	0	0	25	10	15	25	5	20	B
B	25	16	10	25	21	5	0	0	0	0	0	2	24	157	33	0	0	25	10	16	25	5	21	B
B	25	16	9	25	21	4	0	0	0	0	0	2	26	1177	371	0	0	25	9	16	25	4	21	B
B	25	17	9	25	22	4	0	0	0	0	0	1	7	82	71	0	0	25	9	17	25	4	22	B
B	25	17	8	25	22	3	0	0	0	0	0	1	7	269	1013	2	0	25	8	17	25	3	22	B
B	25	18	8	25	23	3	0	0	0	0	0	0	2	23	79	2	0	25	8	18	25	3	23	B
B	25	18	7	25	23	2	0	0	0	0	0	0	2	32	825	18	0	25	7	18	25	2	23	B
B	25	19	7	25	24	2	0	0	0	0	0	0	0	4	36	6	0	25	7	19	25	2	24	B
B	25	19	6	25	24	1	0	0	0	0	0	0	0	4	179	153	0	25	6	19	25	1	24	B
B	25	20	6	25	25	1	0	0	0	0	0	0	0	0	5	9	0	25	6	20	25	1	25	B
B	25	20	5	25	25	0	0	0	0	0	0	0	0	0	9	211	0	25	5	20	25	0	25	B
												$\Delta\tau$ = 11												
A	25	10	15	25	16	10	0	0	0	0	3	123	67	4	0	0	0	25	15	10	25	10	16	C
C	25	11	15	25	16	9	0	0	0	2	26	128	20	0	0	0	0	25	15	11	25	9	16	A
A	25	11	14	25	17	9	0	0	0	0	1	58	131	10	0	0	0	25	14	11	25	9	17	C
C	25	12	14	25	17	8	0	0	0	1	10	77	63	0	0	0	0	25	14	12	25	8	17	A
A	25	12	13	25	18	8	0	0	0	0	0	11	159	28	1	0	0	25	13	12	25	8	18	C
C	25	13	13	25	18	7	0	0	0	0	4	32	86	2	0	0	0	25	13	13	25	7	18	A
A	25	13	12	25	19	7	0	0	0	0	0	2	101	71	3	0	0	25	12	13	25	7	19	C
C	25	14	12	25	19	6	0	0	0	0	1	11	62	12	0	0	0	25	12	14	25	6	19	A
A	25	14	11	25	20	6	0	0	0	0	0	0	27	126	10	0	0	25	11	14	25	6	20	C
C	25	15	11	25	20	5	0	0	0	0	0	4	27	30	0	0	0	25	11	15	25	5	20	A
A	25	15	10	25	21	5	0	0	0	0	0	0	3	123	30	0	0	25	10	15	25	5	21	C
C	25	16	10	25	21	4	0	0	0	0	0	1	9	31	2	0	0	25	10	16	25	4	21	A
A	25	16	9	25	22	4	0	0	0	0	0	0	1	54	64	0	0	25	9	16	25	4	22	C
C	25	17	9	25	22	3	0	0	0	0	0	0	2	16	6	0	0	25	9	17	25	3	22	A
A	25	17	8	25	23	3	0	0	0	0	0	0	0	8	70	2	0	25	8	17	25	3	23	C
C	25	18	8	25	23	2	0	0	0	0	0	0	1	5	8	0	0	25	8	18	25	2	23	A
A	25	18	7	25	24	2	0	0	0	0	0	0	0	1	29	6	0	25	7	18	25	2	24	C
C	25	19	7	25	24	1	0	0	0	0	0	0	0	1	4	0	0	25	7	19	25	1	24	A
A	25	19	6	25	25	1	0	0	0	0	0	0	0	0	3	8	0	25	6	19	25	1	25	C
C	25	20	6	25	25	0	0	0	0	0	0	0	0	0	1	0	0	25	6	20	25	0	25	A
												$\Delta\tau$ = 13												
A	25	10	16	25	16	9	0	0	0	0	2	13	2	0	0	0	0	25	16	10	25	9	16	C
C	25	10	15	25	17	9	0	0	0	0	0	9	5	0	0	0	0	25	15	10	25	9	17	A
A	25	11	15	25	17	8	0	0	0	0	1	10	8	0	0	0	0	25	15	11	25	8	17	C
C	25	11	14	25	18	8	0	0	0	0	0	3	8	0	0	0	0	25	14	11	25	8	18	A
A	25	12	14	25	18	7	0	0	0	0	0	5	14	0	0	0	0	25	14	12	25	7	18	C
C	25	12	13	25	19	7	0	0	0	0	0	1	7	1	0	0	0	25	13	12	25	7	19	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3 (κ)	0 (κ)	±.3 (κ)	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	25	13	13	25	19	6	0	0	0	0	0	1	13	2	0	0	0	25	13	13	25	6	19	C
C	25	13	12	25	20	6	0	0	0	0	0	0	3	2	0	0	0	25	12	13	25	6	20	A
A	25	14	12	25	20	5	0	0	0	0	0	0	7	8	0	0	0	25	12	14	25	5	20	C
C	25	14	11	25	21	5	0	0	0	0	0	0	1	3	0	0	0	25	11	14	25	5	21	A
A	25	15	11	25	21	4	0	0	0	0	0	0	2	11	1	0	0	25	11	15	25	4	21	C
C	25	15	10	25	22	4	0	0	0	0	0	0	0	2	0	0	0	25	10	15	25	4	22	A
A	25	16	10	25	22	3	0	0	0	0	0	0	0	7	3	0	0	25	10	16	25	3	22	C
C	25	16	9	25	23	3	0	0	0	0	0	0	0	1	0	0	0	25	9	16	25	3	23	A
A	25	17	9	25	23	2	0	0	0	0	0	0	0	2	4	0	0	25	9	17	25	2	23	C
A	25	18	8	25	24	1	0	0	0	0	0	0	0	0	3	0	0	25	8	18	25	1	24	C
A	25	19	7	25	25	0	0	0	0	0	0	0	0	0	1	0	0	25	7	19	25	0	25	C
												Δτ = 14												
B	25	9	16	25	16	9	0	0	0	0	3	25	3	0	0	0	0	25	16	9	25	9	16	B
B	25	10	16	25	17	9	0	0	0	0	0	2	1	0	0	0	0	25	16	10	25	9	17	B
B	25	10	15	25	17	8	0	0	0	0	0	19	12	0	0	0	0	25	15	10	25	8	17	B
B	25	11	15	25	18	8	0	0	0	0	0	1	1	0	0	0	0	25	15	11	25	8	18	B
B	25	11	14	25	18	7	0	0	0	0	0	7	21	0	0	0	0	25	14	11	25	7	18	B
B	25	12	14	25	19	7	0	0	0	0	0	0	2	0	0	0	0	25	14	12	25	7	19	B
B	25	12	13	25	19	6	0	0	0	0	0	1	20	3	0	0	0	25	13	12	25	6	19	B
B	25	13	13	25	20	6	0	0	0	0	0	0	1	1	0	0	0	25	13	13	25	6	20	B
B	25	13	12	25	20	5	0	0	0	0	0	0	9	10	0	0	0	25	12	13	25	5	20	B
B	25	14	12	25	21	5	0	0	0	0	0	0	0	1	0	0	0	25	12	14	25	5	21	B
B	25	14	11	25	21	4	0	0	0	0	0	0	2	13	1	0	0	25	11	14	25	4	21	B
B	25	15	11	25	22	4	0	0	0	0	0	0	0	1	0	0	0	25	11	15	25	4	22	B
B	25	15	10	25	22	3	0	0	0	0	0	0	0	9	3	0	0	25	10	15	25	3	22	B
B	25	16	9	25	23	2	0	0	0	0	0	0	0	3	5	0	0	25	9	16	25	2	23	B
B	25	17	8	25	24	1	0	0	0	0	0	0	0	0	3	0	0	25	8	17	25	1	24	B
B	25	18	7	25	25	0	0	0	0	0	0	0	0	0	1	0	0	25	7	18	25	0	25	B
												Δτ = 15												
A	25	9	16	25	17	9	0	0	0	0	0	1	0	0	0	0	0	25	16	9	25	9	17	C
C	25	10	16	25	17	8	0	0	0	0	0	1	0	0	0	0	0	25	16	10	25	8	17	A
A	25	10	15	25	18	8	0	0	0	0	0	1	1	0	0	0	0	25	15	10	25	8	18	C
C	25	11	15	25	18	7	0	0	0	0	0	1	1	0	0	0	0	25	15	11	25	7	18	A
A	25	11	14	25	19	7	0	0	0	0	0	0	1	0	0	0	0	25	14	11	25	7	19	C
C	25	12	14	25	19	6	0	0	0	0	0	0	1	0	0	0	0	25	14	12	25	6	19	A
A	25	12	13	25	20	6	0	0	0	0	0	0	1	0	0	0	0	25	13	12	25	6	20	C
A	25	13	12	25	21	5	0	0	0	0	0	0	0	1	0	0	0	25	12	13	25	5	21	C
A	25	14	11	25	22	4	0	0	0	0	0	0	0	1	0	0	0	25	11	14	25	4	22	C
J=25			ΔJ = 1																					
												Δτ = 0												
B	25	13	12	26	14	13	1500000	1478102	1406075	1290914	1048591	653246	886155	1183314	1317245	1399954	1425000	25	12	13	26	13	14	B
B	25	14	11	26	15	12	1576923	1557749	1494866	1395180	1191794	843392	704314	1069847	1227642	1323160	1351923	25	11	14	26	12	15	B
B	25	15	10	26	16	11	1655769	1638997	1584111	1497627	1324501	1047436	627395	945818	1136123	1247506	1280769	25	10	15	26	11	16	B
B	25	16	9	26	17	10	1736538	1721919	1674157	1599231	1451110	1223753	785140	802433	1040776	1172666	1211538	25	9	16	26	10	17	B
B	25	17	8	26	18	9	1819231	1806568	1765256	1700661	1574067	1384487	1039480	657413	938098	1098112	1144231	25	8	17	26	9	18	B
B	25	18	7	26	19	8	1903846	1892986	1857592	1802391	1694881	1536395	1263001	676115	821211	1022940	1078846	25	7	18	26	8	19	B
B	25	19	6	26	20	7	1990385	1981203	1951306	1904771	1814556	1682973	1462652	944771	689715	945463	1015385	25	6	19	26	7	20	B
B	25	20	5	26	21	6	2078846	2071244	2046506	2008063	1933796	1826282	1649486	1262357	672375	862172	953846	25	5	20	26	6	21	B
B	25	21	4	26	22	5	2169231	2163127	2143277	2112470	2053115	1967652	1828759	1537611	957455	766115	894231	25	4	21	26	5	22	B
B	25	22	3	26	23	4	2261538	2256868	2241687	2218151	2172898	2108002	2003371	1789217	1387098	686573	836538	25	3	22	26	4	23	B
B	25	23	2	26	24	3	2355769	2352479	2341790	2325230	2293444	2247995	2175123	2028080	1765789	882386	780769	25	2	23	26	3	24	B
B	25	24	1	26	25	2	2451923	2449971	2443628	2433810	2414986	2388127	2345222	2259390	2109946	1539190	726923	25	1	24	26	2	25	B
B	25	25	0	26	26	1	2550000	2549350	2547240	2543973	2537711	2528780	2514528	2486086	2436925	2258051	1350000	25	0	25	26	1	26	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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C	25	0	25	26	1	25	1350000	413866	268397	229579	209951	202092	198434	196764	196290	196162	196154	25	25	0	26	25	1	A
C	25	1	25	26	2	25	726923	410907	268397	229579	209951	202092	198434	196764	196290	196162	196154	25	25	1	26	25	2	A
C	25	1	24	26	2	24	726923	872735	526361	450169	411666	396257	389084	385811	384882	384631	384615	25	24	1	26	24	2	A
C	25	2	24	26	3	24	780769	763532	526348	450169	411666	396257	389084	385811	384882	384631	384615	25	24	2	26	24	3	A
C	25	2	23	26	3	23	780769	1258388	774367	661862	605157	582495	571952	567142	565776	565407	565385	25	23	2	26	23	3	A
C	25	3	23	26	4	23	836538	952269	773837	661861	605157	582495	571952	567142	565776	565407	565385	25	23	3	26	23	4	A
C	25	3	22	26	4	22	836538	1073276	1021143	864829	790447	760810	747037	740756	738973	738491	738462	25	22	3	26	22	4	A
C	25	4	22	26	5	22	894231	1005627	1004475	864821	790447	760810	747037	740756	738973	738491	738462	25	22	4	26	22	5	A
C	25	4	21	26	5	21	894231	1012693	1344433	1059386	967580	931208	914339	906653	904471	903882	903846	25	21	4	26	21	5	A
C	25	5	21	26	6	21	953846	1039056	1181056	1059159	967580	931208	914339	906653	904471	903882	903846	25	21	5	26	21	6	A
C	25	5	20	26	6	20	953846	1039338	1460537	1248066	1136633	1093698	1073860	1064832	1062272	1061581	1061538	25	20	5	26	20	6	A
C	25	6	20	26	7	20	1015385	1081932	1263386	1242439	1136632	1093698	1073860	1064832	1062272	1061581	1061538	25	20	6	26	20	7	A
C	25	6	19	26	7	19	1015385	1081940	1312372	1477800	1297744	1248302	1225600	1215295	1212375	1211587	1211538	25	19	6	26	19	7	A
C	25	7	19	26	8	19	1078846	1132687	1294176	1396221	1297724	1248302	1225600	1215295	1212375	1211587	1211538	25	19	7	26	19	8	A
C	25	7	18	26	8	18	1078846	1132687	1297655	1676638	1451165	1395054	1369563	1358040	1354780	1353900	1353846	25	18	7	26	18	8	A
C	25	8	18	26	9	18	1144231	1188957	1324461	1485933	1450740	1395053	1369563	1358040	1354780	1353900	1353846	25	18	8	26	18	9	A
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C	25	9	17	26	10	17	1211538	1249408	1364295	1522533	1592241	1534012	1505756	1493068	1489486	1488521	1488462	25	17	9	26	17	10	A
C	25	9	16	26	10	16	1211538	1249408	1364306	1530941	1794971	1665284	1634188	1620378	1616495	1615449	1615385	25	16	9	26	16	10	A
C	25	10	16	26	11	16	1280769	1313275	1412035	1549939	1704827	1665212	1634188	1620378	1616495	1615449	1615385	25	16	10	26	16	11	A
C	25	10	15	26	11	15	1280769	1313275	1412036	1550583	1904471	1789323	1754880	1739969	1735804	1734684	1734615	25	15	10	26	15	11	A
C	25	11	15	26	12	15	1351923	1380094	1465833	1585143	1767618	1787864	1754880	1739969	1735804	1734684	1734615	25	15	11	26	15	12	A
C	25	11	14	26	12	14	1351923	138C094	1465833	1585186	1816619	1921030	1867864	1851843	1847414	1846226	1846154	25	14	11	26	14	12	A
C	25	12	14	26	13	14	1425C00	1449572	1524481	1628484	1798294	1895228	1867854	1851843	1847414	1846226	1846154	25	14	12	26	14	13	A
C	25	12	13	26	13	13	1425000	1449572	1524481	1628486	1802684	2076166	1973176	1956000	1951324	1950076	1950000	25	13	12	26	13	13	A
C	25	13	13	26	14	13	1500000	1521511	1587190	1678321	1827145	1969612	1972975	1956000	1951324	1950076	1950000	25	13	13	26	13	14	A
C	25	13	12	26	14	12	15CCCCC	1521511	1587190	1678321	1827508	2066766	2072652	2052439	2047533	2046233	2046154	25	12	13	26	12	14	A
C	25	14	12	26	15	12	1576923	1595777	1653421	1733431	1863351	2008295	2068333	2052439	2047533	2046233	2046154	25	12	14	26	12	15	A
C	25	14	11	26	15	11	1576923	1595777	1653421	1733431	1863377	2020978	2191215	2141155	2136037	2134697	2134615	25	11	14	26	11	15	A
C	25	15	11	26	16	11	1655769	1672275	1722798	1792979	1906555	2035625	2144725	2141147	2136037	2134697	2134615	25	11	15	26	11	16	A
C	25	15	10	26	16	10	1655769	1672275	1722798	1792979	1906556	2036705	2264109	2222113	2216833	2215467	2215385	25	10	15	26	10	16	A
C	25	16	10	26	17	10	1736538	175C935	1795048	1856383	1955497	2067461	2191414	2221936	2216833	2215467	2215385	25	10	16	26	10	17	A
C	25	16	9	26	17	9	1736538	175C935	1795048	1856383	1955497	2067547	2222308	2297263	2289908	2288544	2288462	25	9	16	26	9	17	A
C	25	17	9	26	18	9	1819231	1831707	1869968	1923220	2009243	2105906	2219477	2293005	2289908	2288544	2288462	25	9	17	26	9	18	A
C	25	17	8	26	18	8	1819231	1831707	1869968	1923220	2009243	2105912	2222280	2382731	2355221	2353925	2353846	25	8	17	26	8	18	A
C	25	18	8	26	19	8	1903846	1914551	1947406	1993177	2067136	2150009	2247365	2347361	2355201	2353925	2353846	25	8	18	26	8	19	A
C	25	18	7	26	19	7	1903846	1914551	1947406	1993177	2067136	2150009	2247593	2414737	2412823	2411607	2411538	25	7	18	26	7	19	A
C	25	19	7	26	20	7	1990385	1999438	2027243	2066014	2128701	2198857	2280811	2380697	2412210	2411607	2411538	25	7	19	26	7	20	A
C	25	19	6	26	20	6	1990385	1999438	2027243	2066014	2128701	2198857	2280827	2393046	2469067	2461581	2461538	25	6	19	26	6	20	A
C	25	20	6	26	21	6	2078846	2086345	2109388	2141546	2193580	2251800	2319578	2404766	2457986	2461581	2461538	25	6	20	26	6	21	A
C	25	20	5	26	21	5	2078846	2086345	2109388	2141546	2193580	2251800	2319579	2405746	2510586	2503815	2503846	25	5	20	26	5	21	A
C	25	21	5	26	22	5	2169231	2175253	2193767	2219625	2261500	2308366	2362843	2431153	2488397	2503810	2503846	25	5	21	26	5	22	A
C	25	21	4	26	22	4	2169231	2175253	2193767	2219625	2261500	2308366	2362843	2431220	2503626	2538310	2538462	25	4	21	26	4	22	A
C	25	22	4	26	23	4	2261538	2266147	2280323	2300135	2332244	2368204	2409986	2462194	2509286	2537999	2538462	25	4	22	26	4	23	A
C	25	22	3	26	23	3	2261538	2266147	2280323	2300135	2332244	2368204	2409986	2462197	2510491	2567399	2565385	25	3	22	26	3	23	A
C	25	23	3	26	24	3	2355769	2359016	2369007	2382979	2405642	2431041	2460559	2497386	2530792	2562810	2565385	25	3	23	26	3	24	A
C	25	23	2	26	24	2	2355769	2359016	2369007	2382979	2405642	2431041	2460559	2497387	2530859	2579963	2584615	25	2	23	26	2	24	A
C	25	24	2	26	25	2	2451923	2453850	2459782	2468082	2481553	2496661	2514229	2536141	2555984	2578812	2584615	25	2	24	26	2	25	A
C	25	24	1	26	25	1	2451923	2453850	2459782	2468082	2481553	2496661	2514229	2536141	2555986	2581127	2596154	25	1	24	26	1	25	A
C	25	25	1	26	26	1	2550000	2550641	2552616	2555378	2559862	2564892	2570739	2578029	2584623	2592504	2596154	25	1	25	26	1	26	A
C	25	25	0	26	26	0	2549999	2550641	2552616	2555378	2559862	2564892	2570739	2578029	2584623	2592579	2600000	25	0	25	26	0	26	A
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B	25	1	25	26	2	24	726923	34140	8714	5139	3509	2812	2416	2157	2029	1948	1923	25	25	1	26	24	2	B
B	25	2	24	26	3	23	780769	198600	27153	15668	10590	8456	7254	6473	6086	5843	5769	25	24	2	26	23	3	B

	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	
B	25	3	23	26	4	22	836538	559425	57546	31907	21319	16951	14517	12946	12170	11685	11538	25	23	3	26	22	4 B
B	25	4	22	26	5	21	894231	758683	124813	54246	35777	28318	24207	21573	20280	19474	19231	25	22	4	26	21	5 B
B	25	5	21	26	6	20	953846	861877	337608	83334	54048	42569	36319	32350	30412	29209	28846	25	21	5	26	20	6 B
B	25	6	20	26	7	19	1015385	945455	638307	129979	76189	59706	50843	45266	42561	40888	40385	25	20	6	26	19	7 B
B	25	7	19	26	8	18	1078846	1022940	817403	270448	102140	79707	67754	60304	56716	54508	53846	25	19	7	26	18	8 B
B	25	8	18	26	9	17	1144231	1098112	937860	559789	132176	102484	87005	77436	72864	70067	69231	25	18	8	26	17	9 B
B	25	9	17	26	10	16	1211538	1172666	1040764	792956	184507	127786	108506	96619	90984	87558	86538	25	17	9	26	16	10 B
B	25	10	16	26	11	15	1280769	1247506	1136123	945073	350719	155012	132088	117781	111042	106974	105769	25	16	10	26	15	11 B
B	25	11	15	26	12	14	1351923	1323160	1227642	1069797	647790	187098	157409	140810	132986	128302	126923	25	15	11	26	14	12 B
B	25	12	14	26	13	13	1425000	1399954	1317245	1183311	880708	274691	183724	165511	156738	151523	150000	25	14	12	26	13	13 B
B	25	13	13	26	14	12	1500000	1478102	1406075	1290914	1048129	523827	209964	191546	182169	176607	175000	25	13	13	26	12	14 B
B	25	14	12	26	15	11	1576923	1557749	1494866	1395180	1191761	826419	252137	218269	209070	203509	201923	25	12	14	26	11	15 B
B	25	15	11	26	16	10	1655769	1638997	1584111	1497627	1324499	1045896	409951	244355	237077	232152	230769	25	11	15	26	10	16 B
B	25	16	10	26	17	9	1736538	1721919	1674157	1599231	1451110	1223629	737859	268227	265521	262408	261538	25	10	16	26	9	17 B
B	25	17	9	26	18	8	1819231	1806568	1765256	1700661	1574067	1384479	1034843	318060	293054	294053	294231	25	9	17	26	8	18 B
B	25	18	8	26	19	7	1903846	1892986	1857592	1802391	1694881	1536394	1262613	527294	317007	326666	328846	25	8	18	26	7	19 B
B	25	19	7	26	20	6	1990385	1981203	1951306	1904771	1814556	1682973	1462625	919366	345346	359392	365385	25	7	19	26	6	20 B
B	25	20	6	26	21	5	2078846	2071244	2046506	2008063	1933796	1826282	1649485	1260195	492446	390298	403846	25	6	20	26	5	21 B
B	25	21	5	26	22	4	2169231	2163127	2143277	2112470	2053115	1967652	1828759	1537461	913099	415599	444231	25	5	21	26	4	22 B
B	25	22	4	26	23	3	2261538	2256868	2241687	2218151	2172898	2108002	2003371	1789210	1383373	465661	486538	25	4	22	26	3	23 B
B	25	23	3	26	24	2	2355769	2352479	2341790	2325230	2293444	2247995	2175123	2028079	1765577	778819	530769	25	3	23	26	2	24 B
B	25	24	2	26	25	1	2451923	2449971	2443628	2433810	2414986	2388127	2345222	2259390	2109939	1525007	576923	25	2	24	26	1	25 B
B	25	25	1	26	26	0	2549999	2549350	2547240	2543973	2537711	2528780	2514528	2486086	2436925	2257571	1250000	25	1	25	26	0	26 B
												Δτ = 3											
A	25	0	25	26	2	24	0	862	875	1030	1229	1407	1571	1726	1826	1899	1923	25	25	0	26	24	2 C
A	25	1	25	26	3	24	0	665	875	1030	1229	1407	1571	1726	1826	1899	1923	25	25	1	26	24	3 C
A	25	1	24	26	3	23	C	4277	2755	3154	3719	4236	4721	5181	5479	5697	5769	25	24	1	26	23	3 C
A	25	2	24	26	4	23	0	1437	2750	3154	3719	4236	4721	5181	5479	5697	5769	25	24	2	26	23	4 C
A	25	2	23	26	4	22	0	3999	5984	6481	7519	8514	9461	10370	10960	11395	11538	25	23	2	26	22	4 C
A	25	3	23	26	5	22	0	1351	5780	6481	7519	8514	9461	10370	10960	11395	11538	25	23	3	26	22	5 C
A	25	3	22	26	5	21	0	1592	13296	11199	12704	14277	15811	17301	18273	18993	19231	25	22	3	26	21	5 C
A	25	4	22	26	6	21	0	968	9388	11191	12704	14277	15811	17301	18273	18993	19231	25	22	4	26	21	6 C
A	25	4	21	26	6	20	0	976	26212	17725	19397	21584	23798	25985	27423	28492	28846	25	21	4	26	20	6 C
A	25	5	21	26	7	20	0	704	10906	17514	19396	21584	23798	25985	27423	28492	28846	25	21	5	26	20	7 C
A	25	5	20	26	7	19	0	704	17483	28993	27798	30523	33467	36440	38417	39893	40385	25	20	5	26	19	7 C
A	25	6	20	26	8	19	0	538	9496	24896	27795	30523	33467	36440	38417	39893	40385	25	20	6	26	19	8 C
A	25	6	19	26	8	18	0	538	10073	54630	38264	41233	44879	48694	51266	53201	53846	25	19	6	26	18	8 C
A	25	7	19	26	9	18	0	426	7567	29501	38215	41233	44879	48694	51266	53201	53846	25	19	7	26	18	9 C
A	25	7	18	26	9	17	0	426	7595	52635	51784	53935	58132	62785	65988	68417	69231	25	18	7	26	17	9 C
A	25	8	18	26	10	17	0	347	6100	27812	50857	53933	58132	62785	65988	68417	69231	25	18	8	26	17	10 C
A	25	8	17	26	10	16	0	347	6101	31236	76772	69004	73374	78775	82607	85548	86538	25	17	8	26	16	10 C
A	25	9	17	26	11	16	0	288	5028	23334	63603	68983	73374	78775	82607	85548	86538	25	17	9	26	16	11 C
A	25	9	16	26	11	15	0	288	5028	23544	122862	87190	90839	96751	101160	104603	105769	25	16	9	26	15	11 C
A	25	10	16	26	12	15	0	242	4213	19359	68758	86838	90839	96751	101160	104603	105769	25	16	10	26	15	12 C
A	25	10	15	26	12	14	0	242	4213	19371	101338	112562	110912	116851	121705	125593	126923	25	15	10	26	14	12 C
A	25	11	15	26	13	14	0	205	3572	16271	62939	106692	110905	116851	121705	125593	126923	25	15	11	26	14	13 C
A	25	11	14	26	13	13	0	205	3572	16272	66869	170132	134280	139286	144326	148539	150000	25	14	11	26	13	13 C
A	25	12	14	26	14	13	0	176	3051	13825	53529	121066	134156	139286	144326	148539	150000	25	14	12	26	13	14 C
A	25	12	13	26	14	12	0	176	3051	13825	53773	204680	162831	164400	169156	173469	175000	25	13	12	26	12	14 C
A	25	13	13	26	15	12	0	151	2617	11822	45251	118485	160840	164399	169156	173469	175000	25	13	13	26	12	15 C
A	25	13	12	26	15	11	0	151	2617	11822	45266	139067	213203	192769	196404	200432	201923	25	12	13	26	11	15 C
A	25	14	12	26	16	11	0	130	2250	10139	38479	103541	186216	192753	196404	200432	201923	25	12	14	26	11	16 C
A	25	14	11	26	16	10	0	130	2250	10139	38480	105104	308735	225472	226415	229501	230769	25	11	14	26	10	16 C
A	25	15	11	26	17	10	0	111	1931	8693	32813	87601	193627	225192	226414	229501	230769	25	11	15	26	10	17 C
A	25	15	10	26	17	9	C	111	1931	8693	32813	87697	265511	266144	259774	260802	261538	25	10	15	26	9	17 C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	25	16	10	26	18	9	0	95	1652	7429	27943	73938	175429	261538	259770	260802	261538	25	10	16	26	9	18	C
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A	25	17	9	26	19	8	0	81	1403	6306	23665	62249	148046	291476	297452	294551	294231	25	9	17	26	8	19	C
A	25	17	8	26	19	7	0	81	1403	6306	23665	62249	148551	466436	342365	331136	328846	25	8	17	26	7	19	C
A	25	18	8	26	20	7	0	68	1179	5295	19840	51993	122625	287513	340390	331136	328846	25	8	18	26	7	20	C
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A	25	21	5	26	23	4	0	35	610	2737	10235	26689	62170	151743	326183	467482	444231	25	5	21	26	4	23	C
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A	25	22	4	26	24	3	0	26	445	1998	7469	19465	45280	110069	239267	501319	486538	25	4	22	26	3	24	C
A	25	22	3	26	24	2	0	26	445	1998	7469	19465	45280	110070	239887	815992	530769	25	3	22	26	2	24	C
A	25	23	3	26	25	2	0	17	290	1300	4858	12656	29418	71360	154641	425196	530769	25	3	23	26	2	25	C
A	25	23	2	26	25	1	0	17	290	1300	4858	12656	29418	71360	154658	529625	576923	25	2	23	26	1	25	C
A	25	24	2	26	26	1	0	8	142	636	2375	6187	14377	34843	75365	225122	576923	25	2	24	26	1	26	C
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B	25	1	24	26	4	23	0	40471	27099	15668	10590	8456	7254	6473	6086	5843	5769	25	24	1	26	23	4	B
B	25	2	23	26	5	22	0	11952	55293	31905	21319	16951	14517	12946	12170	11685	11538	25	23	2	26	22	5	B
B	25	3	22	26	6	21	0	2754	79799	54198	35777	28318	24207	21573	20280	19474	19231	25	22	3	26	21	6	B
B	25	4	21	26	7	20	0	1142	54275	82128	54048	42569	36319	32350	30412	29209	28846	25	21	4	26	20	7	B
B	25	5	20	26	8	19	0	590	16990	106759	76181	59706	50843	45266	42561	40888	40385	25	20	5	26	19	8	B
B	25	6	19	26	9	18	0	336	6826	88709	101974	79707	67754	60304	56716	54508	53846	25	19	6	26	18	9	B
B	25	7	18	26	10	17	0	204	3882	35367	129093	102482	87005	77436	72864	70067	69231	25	18	7	26	17	10	B
B	25	8	17	26	11	16	0	130	2421	14077	140868	127736	108506	96619	90984	87558	86538	25	17	8	26	16	11	B
B	25	9	16	26	12	15	0	86	1579	8175	95288	154164	132087	117781	111042	106974	105769	25	16	9	26	15	12	B
B	25	10	15	26	13	14	0	58	1061	5324	37253	173590	157395	140810	132986	128302	126923	25	15	10	26	14	13	B
B	25	11	14	26	14	13	0	40	728	3590	17720	150293	183493	165511	156738	151523	150000	25	14	11	26	13	14	B
B	25	12	13	26	15	12	0	28	507	2471	11252	72313	206333	191545	182169	176607	175000	25	13	12	26	12	15	B
B	25	13	12	26	16	11	0	20	355	1720	7594	29808	204181	218246	209070	203509	201923	25	12	13	26	11	16	B
B	25	14	11	26	17	10	0	14	249	1202	5208	17360	130026	243936	237077	232152	230769	25	11	14	26	10	17	B
B	25	15	10	26	18	9	0	10	175	839	3587	11481	51263	261512	265516	262408	261538	25	10	15	26	9	18	B
B	25	16	9	26	19	8	0	7	121	580	2459	7692	25003	235911	292919	294053	294231	25	9	16	26	8	19	B
B	25	17	8	26	20	7	0	5	83	395	1663	5122	15535	124277	314465	326666	328846	25	8	17	26	7	20	B
B	25	18	7	26	21	6	0	3	55	262	1097	3344	9857	45409	304413	359387	365385	25	7	18	26	6	21	B
B	25	19	6	26	22	5	0	2	35	167	697	2107	6094	22184	189301	390105	403846	25	6	19	26	5	22	B
B	25	20	5	26	23	4	0	1	21	100	417	1253	3576	12354	62064	410109	444231	25	5	20	26	4	23	B
B	25	21	4	26	24	3	0	1	11	54	226	677	1913	6427	22466	360565	486538	25	4	21	26	3	24	B
B	25	22	3	26	25	2	0	0	5	25	103	307	861	2839	9211	140969	530769	25	3	22	26	2	25	B
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												$\Delta\tau$ = 5												
C	25	0	25	26	3	23	0	8561	417	127	42	16	6	2	0	0	0	25	25	0	26	23	3	A
C	25	1	25	26	4	23	0	2263	416	127	42	16	6	2	0	0	0	25	25	1	26	23	4	A
C	25	1	24	26	4	22	0	33628	2087	575	182	70	26	7	1	0	0	25	24	1	26	22	4	A
C	25	2	24	26	5	22	0	3717	2011	575	182	70	26	7	1	0	0	25	24	2	26	22	5	A
C	25	2	23	26	5	21	0	11602	8483	1660	502	191	69	18	4	0	0	25	23	2	26	21	5	A
C	25	3	23	26	6	21	0	2269	5718	1659	502	191	69	18	4	0	0	25	23	3	26	21	6	A
C	25	3	22	26	6	20	0	2687	35428	3971	1117	416	149	39	9	0	0	25	22	3	26	20	6	A
C	25	4	22	26	7	20	0	1104	9651	3919	1117	416	149	39	9	0	0	25	22	4	26	20	7	A
C	25	4	21	26	7	19	0	1113	44721	9533	2210	799	284	73	16	1	0	25	21	4	26	19	7	A
C	25	5	21	26	8	19	0	575	8977	8019	2210	799	284	73	16	1	0	25	21	5	26	19	8	A
C	25	5	20	26	8	18	0	576	15348	29682	4080	1419	496	127	28	2	0	25	20	5	26	18	8	A

J K_{-1} K_{+1} — J K_{-1} K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
C 25 6 20 26 9 18	0	328	5792	12798	4074	1419	496	127	28	2	0	25 20 6 26 18 9 A
C 25 6 19 26 9 17	0	328	6166	56592	7333	2391	820	209	46	3	0	25 19 6 26 17 9 A
C 25 7 19 26 10 17	0	199	3486	13518	7183	2391	820	209	46	3	0	25 19 7 26 17 10 A
C 25 7 18 26 10 16	C	199	3499	28278	14771	3901	1301	328	72	4	0	25 18 7 26 16 10 A
C 25 8 18 26 11 16	0	127	2180	9994	11789	3900	1301	328	72	4	0	25 18 8 26 16 11 A
C 25 8 17 26 11 15	0	127	2180	11366	38724	6279	2011	499	109	6	0	25 17 8 26 15 11 A
C 25 9 17 26 12 15	0	84	1421	6508	15742	6250	2011	499	109	6	0	25 17 9 26 15 12 A
C 25 9 16 26 12 14	0	84	1421	6571	53662	10448	3057	744	162	9	0	25 16 9 26 14 12 A
C 25 10 16 26 13 14	0	57	955	4266	14943	9807	3056	744	162	9	0	25 16 10 26 14 13 A
C 25 10 15 26 13 13	0	57	955	4269	24554	22150	4621	1093	236	13	0	25 15 10 26 13 13 A
C 25 11 15 26 14 13	0	39	655	2876	10897	13976	4616	1093	236	13	0	25 15 11 26 13 14 A
C 25 11 14 26 14 12	0	39	655	2876	11673	47880	7068	1593	340	19	0	25 14 11 26 12 14 A
C 25 12 14 26 15 12	0	27	456	1978	7328	15429	6965	1593	340	19	0	25 14 12 26 12 15 A
C 25 12 13 26 15 11	0	27	456	1978	7365	35496	12084	2319	488	28	0	25 13 12 26 11 15 A
C 25 13 13 26 16 11	0	19	320	1376	4953	12530	10191	2318	488	28	0	25 13 13 26 11 16 A
C 25 13 12 26 16 10	0	19	320	1376	4955	15242	27665	3400	700	40	0	25 12 13 26 10 16 A
C 25 14 12 26 17 10	0	13	225	962	3393	8640	12744	3395	700	40	0	25 12 14 26 10 17 A
C 25 14 11 26 17 9	0	13	225	962	3393	8791	38603	5121	1010	57	0	25 11 14 26 9 17 A
C 25 15 11 26 18 9	C	9	157	671	2335	5772	11772	5014	1010	57	0	25 11 15 26 9 18 A
C 25 15 10 26 18 8	0	9	157	671	2335	5780	18370	9021	1475	82	0	25 10 15 26 8 18 A
C 25 16 10 26 19 8	0	7	109	464	1600	3860	8423	7134	1474	82	0	25 10 16 26 8 19 A
C 25 16 9 26 19 7	0	7	109	464	1600	3861	8927	20901	2209	119	0	25 9 16 26 7 19 A
C 25 17 9 26 20 7	0	4	74	316	1081	2567	5471	8331	2194	119	C	25 9 17 26 7 20 A
C 25 17 8 26 20 6	0	4	74	316	1081	2567	5493	22665	3620	179	0	25 8 17 26 6 20 A
C 25 18 8 26 21 6	0	3	49	209	713	1674	3467	6886	3265	179	0	25 8 18 26 6 21 A
C 25 18 7 26 21 5	C	3	49	209	713	1674	3468	9330	8294	276	0	25 7 18 26 5 21 A
C 25 19 7 26 22 5	C	2	31	133	453	1054	2139	4379	4222	276	0	25 7 19 26 5 22 A
C 25 19 6 26 22 4	C	2	31	133	453	1054	2139	4508	14254	452	0	25 6 19 26 4 22 A
C 25 20 6 26 23 4	0	1	19	80	271	627	1253	2484	3711	446	0	25 6 20 26 4 23 A
C 25 20 5 26 23 3	0	1	19	80	271	627	1253	2489	6293	891	0	25 5 20 26 3 23 A
C 25 21 5 26 24 3	0	1	10	43	147	338	670	1289	2138	721	0	25 5 21 26 3 24 A
C 25 21 4 26 24 2	C	1	10	43	147	338	670	1289	2280	2728	0	25 4 21 26 2 24 A
C 25 22 4 26 25 2	C	0	5	20	67	153	302	569	923	837	0	25 4 22 26 2 25 A
C 25 22 3 26 25 1	C	0	5	20	67	153	302	569	926	3043	0	25 3 22 26 1 25 A
C 25 23 3 26 26 1	0	0	1	6	20	47	91	170	267	387	0	25 3 23 26 1 26 A
C 25 23 2 26 26 0	0	0	1	6	20	47	91	170	267	540	0	25 2 23 26 0 26 A
						Δτ = 6						
B 25 1 25 26 4 22	0	1933	39	7	2	1	0	0	0	0	0	25 25 1 26 22 4 B
B 25 2 24 26 5 21	0	3759	372	46	10	3	1	0	0	0	0	25 24 2 26 21 5 B
B 25 3 23 26 6 20	0	2325	2968	186	37	11	3	1	0	0	0	25 23 3 26 20 6 B
B 25 4 22 26 7 19	0	1132	9277	685	107	31	9	2	0	0	0	25 22 4 26 19 7 B
B 25 5 21 26 8 18	0	590	9779	3233	274	75	22	5	1	0	0	25 21 5 26 18 8 B
B 25 6 20 26 9 17	0	336	6409	11576	666	167	49	11	2	0	0	25 20 6 26 17 9 B
B 25 7 19 26 10 16	0	204	3867	15967	1812	354	99	22	5	0	0	25 19 7 26 16 10 B
B 25 8 18 26 11 15	0	130	2420	12338	6800	733	193	42	9	0	0	25 18 8 26 15 11 B
B 25 9 17 26 12 14	C	86	1579	8096	18430	1577	368	78	16	1	0	25 17 9 26 14 12 B
B 25 10 16 26 13 13	0	58	1061	5320	21756	4440	700	142	28	2	0	25 16 10 26 13 13 B
B 25 11 15 26 14 12	0	40	728	3590	16501	15040	1355	256	51	3	0	25 15 11 26 12 14 B
B 25 12 14 26 15 11	0	28	507	2471	11194	26701	2984	464	90	5	0	25 14 12 26 11 15 B
B 25 13 13 26 16 10	0	20	355	1720	7591	24200	9473	854	160	9	0	25 13 13 26 10 16 B
B 25 14 12 26 17 9	0	14	249	1202	5208	17049	25653	1640	289	15	0	25 12 14 26 9 17 B
B 25 15 11 26 18 8	C	10	175	839	3587	11466	31148	3789	536	28	0	25 11 15 26 8 18 B
B 25 16 10 26 19 7	0	7	121	580	2459	7692	23513	12899	1039	52	0	25 10 16 26 7 19 B
B 25 17 9 26 20 6	0	5	83	395	1663	5122	15469	31571	2271	102	0	25 9 17 26 6 20 B
B 25 18 8 26 21 5	0	3	55	262	1097	3344	9854	32498	7459	213	C	25 8 18 26 5 21 B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	25	19	7	26	22	4	0	2	35	167	697	2107	6094	21513	25856	487	0	25	7	19	26	4	22	B
B	25	20	6	26	23	3	0	1	21	100	417	1253	3576	12331	33981	1425	0	25	6	20	26	3	23	B
B	25	21	5	26	24	2	0	1	11	54	226	677	1913	6426	20994	7477	0	25	5	21	26	2	24	B
B	25	22	4	26	25	1	0	0	5	25	103	307	861	2839	9178	25385	0	25	4	22	26	1	25	B
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A	25	1	25	26	5	22	0	4	4	1	1	0	0	0	0	0	0	25	25	1	26	22	5	C
A	25	1	24	26	5	21	0	68	37	9	4	2	1	0	0	0	0	25	24	1	26	21	5	C
A	25	2	24	26	6	21	0	4	25	9	4	2	1	0	0	0	0	25	24	2	26	21	6	C
A	25	2	23	26	6	20	0	13	295	37	13	6	2	1	0	0	0	25	23	2	26	20	6	C
A	25	3	23	26	7	20	0	2	75	37	13	6	2	1	0	0	0	25	23	3	26	20	7	C
A	25	3	22	26	7	19	0	2	846	137	37	15	6	2	0	0	0	25	22	3	26	19	7	C
A	25	4	22	26	8	19	0	1	101	115	37	15	6	2	0	0	0	25	22	4	26	19	8	C
A	25	4	21	26	8	18	0	1	521	646	96	38	15	4	1	0	0	25	21	4	26	18	8	C
A	25	5	21	26	9	18	0	0	69	268	96	38	15	4	1	0	0	25	21	5	26	18	9	C
A	25	5	20	26	9	17	0	0	119	2203	233	84	32	9	2	0	0	25	20	5	26	17	9	C
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A	25	7	19	26	11	16	0	0	16	316	504	177	64	18	4	0	0	25	19	7	26	16	11	C
A	25	7	18	26	11	15	0	0	16	679	2369	367	125	34	8	0	0	25	18	7	26	15	11	C
A	25	8	18	26	12	15	0	0	8	179	898	365	125	34	8	0	0	25	18	8	26	15	12	C
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A	25	12	14	26	16	11	0	0	1	15	239	1763	1630	371	81	5	0	25	14	12	26	11	16	C
A	25	12	13	26	16	10	0	0	1	15	241	4358	6138	684	144	8	0	25	13	12	26	10	16	C
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A	25	13	12	26	17	9	0	0	0	8	129	1359	15138	1313	260	15	0	25	12	13	26	9	17	C
A	25	14	12	26	18	9	0	0	0	5	71	595	2946	1285	260	15	0	25	12	14	26	9	18	C
A	25	14	11	26	18	8	0	0	0	5	71	606	11148	3037	482	27	0	25	11	14	26	8	18	C
A	25	15	11	26	19	8	0	0	0	3	39	311	2118	2381	482	27	0	25	11	15	26	8	19	C
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A	25	16	10	26	20	7	0	0	0	1	21	163	1142	3635	929	51	0	25	10	16	26	7	20	C
A	25	16	9	26	20	6	0	0	0	1	21	163	1212	21601	2046	100	0	25	9	16	26	6	20	C
A	25	17	9	26	21	6	0	0	0	1	11	84	558	3567	1841	100	0	25	9	17	26	6	21	C
A	25	17	8	26	21	5	0	0	0	1	11	84	561	11436	6710	208	0	25	8	17	26	5	21	C
A	25	18	8	26	22	5	0	0	0	0	6	42	264	2135	3252	207	0	25	8	18	26	5	22	C
A	25	18	7	26	22	4	0	0	0	0	6	42	264	2935	21773	475	0	25	7	18	26	4	22	C
A	25	19	7	26	23	4	0	0	0	0	3	19	118	939	3710	469	0	25	7	19	26	4	23	C
A	25	19	6	26	23	3	0	0	0	0	3	19	118	967	17641	1390	0	25	6	19	26	3	23	C
A	25	20	6	26	24	3	0	0	0	0	1	8	47	352	2176	1120	0	25	6	20	26	3	24	C
A	25	20	5	26	24	2	0	0	0	0	1	8	47	353	3820	7260	0	25	5	20	26	2	24	C
A	25	21	5	26	25	2	0	0	0	0	0	3	16	110	712	2025	0	25	5	21	26	2	25	C
A	25	21	4	26	25	1	0	0	0	0	0	3	16	110	761	21780	0	25	4	21	26	1	25	C
A	25	22	4	26	26	1	0	0	0	0	0	1	3	22	134	1283	0	25	4	22	26	1	26	C
A	25	22	3	26	26	0	0	0	0	0	0	1	3	22	134	5709	0	25	3	22	26	0	26	C
												$\Delta\tau$ = 8												
B	25	0	25	26	5	22	0	153	38	7	2	1	0	0	0	0	0	25	25	0	26	22	5	B
B	25	1	24	26	6	21	0	120	249	46	10	3	1	0	0	0	0	25	24	1	26	21	6	B
B	25	2	23	26	7	20	0	15	740	184	37	11	3	1	0	0	0	25	23	2	26	20	7	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	25	3	22	26	8	19	0	2	916	574	107	31	9	2	0	0	0	25	22	3	26	19	8	B
B	25	4	21	26	9	18	0	0	366	1331	273	75	22	5	1	0	0	25	21	4	26	18	9	B
B	25	5	20	26	10	17	0	0	62	1808	652	167	49	11	2	0	0	25	20	5	26	17	10	B
B	25	6	19	26	11	16	0	0	14	1055	1437	354	99	22	5	0	0	25	19	6	26	16	11	B
B	25	7	18	26	12	15	0	0	5	245	2529	730	193	42	9	0	0	25	18	7	26	15	12	B
B	25	8	17	26	13	14	0	0	2	57	2705	1478	368	78	16	1	0	25	17	8	26	14	13	B
B	25	9	16	26	14	13	0	0	1	21	1264	2728	699	142	28	2	0	25	16	9	26	13	14	B
B	25	10	15	26	15	12	0	0	0	9	293	3690	1335	256	51	3	0	25	15	10	26	12	15	B
B	25	11	14	26	16	11	0	0	0	4	84	2639	2500	464	90	5	0	25	14	11	26	11	16	B
B	25	12	13	26	17	10	0	0	0	2	33	787	3979	853	160	9	0	25	13	12	26	10	17	B
B	25	13	12	26	18	9	0	0	0	1	14	188	4001	1605	289	15	0	25	12	13	26	9	18	B
B	25	14	11	26	19	8	0	0	0	0	6	66	1750	2964	536	28	0	25	11	14	26	8	19	B
B	25	15	10	26	20	7	0	0	0	0	3	26	384	4430	1032	52	0	25	10	15	26	7	20	B
B	25	16	9	26	21	6	0	0	0	0	1	11	103	3701	2042	102	0	25	9	16	26	6	21	B
B	25	17	8	26	22	5	0	0	0	0	0	4	35	1148	3578	213	0	25	8	17	26	5	22	B
B	25	18	7	26	23	4	0	0	0	0	0	2	12	198	3767	481	0	25	7	18	26	4	23	B
B	25	19	6	26	24	3	0	0	0	0	0	0	4	43	1364	1148	0	25	6	19	26	3	24	B
B	25	20	5	26	25	2	0	0	0	0	0	0	1	9	159	2057	0	25	5	20	26	2	25	B
B	25	21	4	26	26	1	0	0	0	0	0	0	0	1	14	1142	0	25	4	21	26	1	26	B
												$\Delta\tau$ = 9												
C	25	0	25	26	5	21	0	147	6	0	0	0	0	0	0	0	0	25	25	0	26	21	5	A
C	25	1	25	26	6	21	0	7	4	0	0	0	0	0	0	0	0	25	25	1	26	21	6	A
C	25	1	24	26	6	20	0	117	105	3	0	0	0	0	0	0	0	25	24	1	26	20	6	A
C	25	2	24	26	7	20	0	5	26	3	0	0	0	0	0	0	0	25	24	2	26	20	7	A
C	25	2	23	26	7	19	0	15	580	21	1	0	0	0	0	0	0	25	23	2	26	19	7	A
C	25	3	23	26	8	19	0	1	64	17	1	0	0	0	0	0	0	25	23	3	26	19	8	A
C	25	3	22	26	8	18	0	2	814	149	6	1	0	0	0	0	0	25	22	3	26	18	8	A
C	25	4	22	26	9	18	0	0	63	62	6	1	0	0	0	0	0	25	22	4	26	18	9	A
C	25	4	21	26	9	17	0	0	329	780	19	2	0	0	0	0	0	25	21	4	26	17	9	A
C	25	5	21	26	10	17	0	0	32	129	19	2	0	0	0	0	0	25	21	5	26	17	10	A
C	25	5	20	26	10	16	0	0	56	1385	70	6	1	0	0	0	0	25	20	5	26	16	10	A
C	25	6	20	26	11	16	0	0	12	145	55	6	1	0	0	0	0	25	20	6	26	16	11	A
C	25	6	19	26	11	15	0	0	13	841	354	17	2	0	0	0	0	25	19	6	26	15	11	A
C	25	7	19	26	12	15	0	0	4	91	133	17	2	0	0	0	0	25	19	7	26	15	12	A
C	25	7	18	26	12	14	0	0	4	196	1277	46	4	0	0	0	0	25	18	7	26	14	12	A
C	25	8	18	26	13	14	0	0	2	40	210	43	4	0	0	0	0	25	18	8	26	14	13	A
C	25	8	17	26	13	13	0	0	2	46	1699	169	10	1	0	0	0	25	17	8	26	13	13	A
C	25	9	17	26	14	13	0	0	1	16	195	104	10	1	0	0	0	25	17	9	26	13	14	A
C	25	9	16	26	14	12	0	0	1	17	819	750	25	1	0	0	0	25	16	9	26	12	14	A
C	25	10	16	26	15	12	0	0	0	7	113	191	25	1	0	0	0	25	16	10	26	12	15	A
C	25	10	15	26	15	11	0	0	0	7	190	1642	71	3	0	0	0	25	15	10	26	11	15	A
C	25	11	15	26	16	11	0	0	0	3	51	223	59	3	0	0	0	25	15	11	26	11	16	A
C	25	11	14	26	16	10	0	0	0	3	55	1303	290	7	0	0	0	25	14	11	26	10	16	A
C	25	12	14	26	17	10	0	0	0	1	22	158	123	7	0	0	0	25	14	12	26	10	17	A
C	25	12	13	26	17	9	0	0	0	1	22	393	1012	17	1	0	0	25	13	12	26	9	17	A
C	25	13	13	26	18	9	0	0	0	1	9	77	179	16	1	0	0	25	13	13	26	9	18	A
C	25	13	12	26	18	8	0	0	0	1	9	94	1337	49	2	0	0	25	12	13	26	8	18	A
C	25	14	12	26	19	8	0	0	0	0	4	32	155	38	2	0	0	25	12	14	26	8	19	A
C	25	14	11	26	19	7	0	0	0	0	4	33	610	219	4	0	0	25	11	14	26	7	19	A
C	25	15	11	26	20	7	0	0	0	0	2	13	84	77	4	0	0	25	11	15	26	7	20	A
C	25	15	10	26	20	6	0	0	0	0	2	13	134	694	11	0	0	25	10	15	26	6	20	A
C	25	16	10	26	21	6	0	0	0	0	1	5	34	99	10	0	0	25	10	16	26	6	21	A
C	25	16	9	26	21	5	0	0	0	0	1	5	36	719	47	0	0	25	9	16	26	5	21	A
C	25	17	9	26	22	5	0	0	0	0	0	2	12	70	23	0	0	25	9	17	26	5	22	A
C	25	17	8	26	22	4	0	0	0	0	0	2	12	229	225	0	0	25	8	17	26	4	22	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	25	18	8	26	23	4	0	0	0	0	0	1	4	29	36	0	0	25	8	18	26	4	23	A
C	25	18	7	26	23	3	0	0	0	0	0	1	4	40	354	1	0	25	7	18	26	3	23	A
C	25	19	7	26	24	3	0	0	0	0	0	0	1	8	27	1	0	25	7	19	26	3	24	A
C	25	19	6	26	24	2	0	0	0	0	0	0	1	9	136	8	0	25	6	19	26	2	24	A
C	25	20	6	26	25	2	0	0	0	0	0	0	0	2	9	2	0	25	6	20	26	2	25	A
C	25	20	5	26	25	1	0	0	0	0	0	0	0	2	16	40	0	25	5	20	26	1	25	A
C	25	21	5	26	26	1	0	0	0	0	0	0	0	0	1	2	0	25	5	21	26	1	26	A
C	25	21	4	26	26	0	0	0	0	0	0	0	0	0	1	28	0	25	4	21	26	0	26	A
												$\Delta\tau = 10$												
B	25	1	25	26	6	20	0	7	2	0	0	0	0	0	0	0	0	25	25	1	26	20	6	B
B	25	2	24	26	7	19	0	5	26	1	0	0	0	0	0	0	0	25	24	2	26	19	7	B
B	25	3	23	26	8	18	0	1	70	7	0	0	0	0	0	0	0	25	23	3	26	18	8	B
B	25	4	22	26	9	17	0	0	70	56	1	0	0	0	0	0	0	25	22	4	26	17	9	B
B	25	5	21	26	10	16	0	0	36	155	5	0	0	0	0	0	0	25	21	5	26	16	10	B
B	25	6	20	26	11	15	0	0	13	180	32	1	0	0	0	0	0	25	20	6	26	15	11	B
B	25	7	19	26	12	14	0	0	5	114	159	4	0	0	0	0	0	25	19	7	26	14	12	B
B	25	8	18	26	13	13	0	0	2	50	311	20	1	0	0	0	0	25	18	8	26	13	13	B
B	25	9	17	26	14	12	0	0	1	21	299	114	3	0	0	0	0	25	17	9	26	12	14	B
B	25	10	16	26	15	11	0	0	0	9	174	340	11	0	0	0	0	25	16	10	26	11	15	B
B	25	11	15	26	16	10	0	0	0	4	78	439	56	1	0	0	0	25	15	11	26	10	16	B
B	25	12	14	26	17	9	0	0	0	2	33	315	255	3	0	0	0	25	14	12	26	9	17	B
B	25	13	13	26	18	8	0	0	0	1	14	154	486	12	0	0	0	25	13	13	26	8	18	B
B	25	14	12	26	19	7	0	0	0	0	6	64	442	71	1	0	0	25	12	14	26	7	19	B
B	25	15	11	26	20	6	0	0	0	0	3	26	240	299	4	0	0	25	11	15	26	6	20	B
B	25	16	10	26	21	5	0	0	0	0	1	11	97	477	22	0	0	25	10	16	26	5	21	B
B	25	17	9	26	22	4	0	0	0	0	0	4	35	348	143	0	0	25	9	17	26	4	22	B
B	25	18	8	26	23	3	0	0	0	0	0	2	12	144	335	1	0	25	8	18	26	3	23	B
B	25	19	7	26	24	2	0	0	0	0	0	0	4	42	270	8	0	25	7	19	26	2	24	B
B	25	20	6	26	25	1	0	0	0	0	0	0	1	9	90	64	0	25	6	20	26	1	25	B
B	25	21	5	26	26	0	0	0	0	0	0	0	0	1	13	81	0	25	5	21	26	0	26	B
												$\Delta\tau = 11$												
A	25	1	24	26	7	19	0	0	3	0	0	0	0	0	0	0	0	25	24	1	26	19	7	C
A	25	2	23	26	8	18	0	0	7	1	0	0	0	0	0	0	0	25	23	2	26	18	8	C
A	25	3	23	26	9	18	0	0	0	1	0	0	0	0	0	0	0	25	23	3	26	18	9	C
A	25	3	22	26	9	17	0	0	6	11	0	0	0	0	0	0	0	25	22	3	26	17	9	C
A	25	4	22	26	10	17	0	0	0	2	0	0	0	0	0	0	0	25	22	4	26	17	10	C
A	25	4	21	26	10	16	0	0	2	31	2	0	0	0	0	0	0	25	21	4	26	16	10	C
A	25	5	21	26	11	16	0	0	0	3	1	0	0	0	0	0	0	25	21	5	26	16	11	C
A	25	5	20	26	11	15	0	0	0	34	11	1	0	0	0	0	0	25	20	5	26	15	11	C
A	25	6	20	26	12	15	0	0	0	3	4	1	0	0	0	0	0	25	20	6	26	15	12	C
A	25	6	19	26	12	14	0	0	0	15	56	2	0	0	0	0	0	25	19	6	26	14	12	C
A	25	7	19	26	13	14	0	0	0	1	9	2	0	0	0	0	0	25	19	7	26	14	13	C
A	25	7	18	26	13	13	0	0	0	3	108	10	1	0	0	0	0	25	18	7	26	13	13	C
A	25	8	18	26	14	13	0	0	0	0	11	6	1	0	0	0	0	25	18	8	26	13	14	C
A	25	8	17	26	14	12	0	0	0	1	94	57	2	0	0	0	0	25	17	8	26	12	14	C
A	25	9	17	26	15	12	0	0	0	0	8	15	2	0	0	0	0	25	17	9	26	12	15	C
A	25	9	16	26	15	11	0	0	0	0	34	169	7	0	0	0	0	25	16	9	26	11	15	C
A	25	10	16	26	16	11	0	0	0	0	4	22	6	0	0	0	0	25	16	10	26	11	16	C
A	25	10	15	26	16	10	0	0	0	0	6	210	36	1	0	0	0	25	15	10	26	10	16	C
A	25	11	15	26	17	10	0	0	0	0	1	20	15	1	0	0	0	25	15	11	26	10	17	C
A	25	11	14	26	17	9	0	0	0	0	1	118	166	3	0	0	0	25	14	11	26	9	17	C
A	25	12	14	26	18	9	0	0	0	0	0	11	29	3	0	0	0	25	14	12	26	9	18	C
A	25	12	13	26	18	8	0	0	0	0	0	27	311	10	0	0	0	25	13	12	26	8	18	C
A	25	13	13	26	19	8	0	0	0	0	0	4	33	8	0	0	0	25	13	13	26	8	19	C
A	25	13	12	26	19	7	0	0	0	0	0	5	254	57	1	0	0	25	12	13	26	7	19	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓ 1.0	$\mp .95$	$\mp .8$	$\mp .6$	κ $\mp .3$	κ 0	κ $\pm .3$	$\pm .6$	$\pm .8$	$\pm .95$	± 1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	25	14	12	26	20	7	0	0	0	0	0	1	21	20	1	0	0	25	12	14	26	7	20	C
A	25	14	11	26	20	6	0	0	0	0	0	1	84	239	4	0	0	25	11	14	26	6	20	C
A	25	15	11	26	21	6	0	0	0	0	0	0	9	33	3	0	0	25	11	15	26	6	21	C
A	25	15	10	26	21	5	0	0	0	0	0	0	14	374	20	0	0	25	10	15	26	5	21	C
A	25	16	10	26	22	5	0	0	0	0	0	0	3	31	10	0	0	25	10	16	26	5	22	C
A	25	16	9	26	22	4	0	0	0	0	0	0	3	232	129	0	0	25	9	16	26	4	22	C
A	25	17	9	26	23	4	0	0	0	0	0	0	1	15	20	0	0	25	9	17	26	4	23	C
A	25	17	8	26	23	3	0	0	0	0	0	0	1	50	299	1	0	25	8	17	26	3	23	C
A	25	18	8	26	24	3	0	0	0	0	0	0	0	4	21	1	0	25	8	18	26	3	24	C
A	25	18	7	26	24	2	0	0	0	0	0	0	0	6	223	8	0	25	7	18	26	2	24	C
A	25	19	7	26	25	2	0	0	0	0	0	0	0	1	9	2	0	25	7	19	26	2	25	C
A	25	19	6	26	25	1	0	0	0	0	0	0	0	1	46	62	0	25	6	19	26	1	25	C
A	25	20	6	26	26	1	0	0	0	0	0	0	0	0	1	3	0	25	6	20	26	1	26	C
A	25	20	5	26	26	0	0	0	0	0	0	0	0	0	2	78	0	25	5	20	26	0	26	C
												$\Delta\tau$ = 12												
B	25	1	24	26	8	19	0	0	3	0	0	0	0	0	0	0	0	25	24	1	26	19	8	B
B	25	2	23	26	9	18	0	0	5	3	0	0	0	0	0	0	0	25	23	2	26	18	9	B
B	25	3	22	26	10	17	0	0	3	9	1	0	0	0	0	0	0	25	22	3	26	17	10	B
B	25	4	21	26	11	16	0	0	1	15	4	0	0	0	0	0	0	25	21	4	26	16	11	B
B	25	5	20	26	12	15	0	0	0	12	12	1	0	0	0	0	0	25	20	5	26	15	12	B
B	25	6	19	26	13	14	0	0	0	4	26	4	0	0	0	0	0	25	19	6	26	14	13	B
B	25	7	18	26	14	13	0	0	0	1	32	12	1	0	0	0	0	25	18	7	26	13	14	B
B	25	8	17	26	15	12	0	0	0	0	21	29	3	0	0	0	0	25	17	8	26	12	15	B
B	25	9	16	26	16	11	0	0	0	0	6	44	9	0	0	0	0	25	16	9	26	11	16	B
B	25	10	15	26	17	10	0	0	0	0	1	38	24	1	0	0	0	25	15	10	26	10	17	B
B	25	11	14	26	18	9	0	0	0	0	0	16	44	3	0	0	0	25	14	11	26	9	18	B
B	25	12	13	26	19	8	0	0	0	0	0	3	49	10	0	0	0	25	13	12	26	8	19	B
B	25	13	12	26	20	7	0	0	0	0	0	0	29	25	1	0	0	25	12	13	26	7	20	B
B	25	14	11	26	21	6	0	0	0	0	0	0	7	42	4	0	0	25	11	14	26	6	21	B
B	25	15	10	26	22	5	0	0	0	0	0	0	1	38	11	0	0	25	10	15	26	5	22	B
B	25	16	9	26	23	4	0	0	0	0	0	0	0	16	23	0	0	25	9	16	26	4	23	B
B	25	17	8	26	24	3	0	0	0	0	0	0	0	2	23	1	0	25	8	17	26	3	24	B
B	25	18	7	26	25	2	0	0	0	0	0	0	0	0	9	2	0	25	7	18	26	2	25	B
B	25	19	6	26	26	1	0	0	0	0	0	0	0	0	1	3	0	25	6	19	26	1	26	B
												$\Delta\tau$ = 13												
C	25	1	24	26	8	18	0	0	2	0	0	0	0	0	0	0	0	25	24	1	26	18	8	A
C	25	2	23	26	9	17	0	0	4	2	0	0	0	0	0	0	0	25	23	2	26	17	9	A
C	25	3	22	26	10	16	0	0	3	7	0	0	0	0	0	0	0	25	22	3	26	16	10	A
C	25	4	22	26	11	16	0	0	0	1	0	0	0	0	0	0	0	25	22	4	26	16	11	A
C	25	4	21	26	11	15	0	0	1	12	1	0	0	0	0	0	0	25	21	4	26	15	11	A
C	25	5	21	26	12	15	0	0	0	1	0	0	0	0	0	0	0	25	21	5	26	15	12	A
C	25	5	20	26	12	14	0	0	0	10	6	0	0	0	0	0	0	25	20	5	26	14	12	A
C	25	6	20	26	13	14	0	0	0	1	1	0	0	0	0	0	0	25	20	6	26	14	13	A
C	25	6	19	26	13	13	0	0	0	3	16	0	0	0	0	0	0	25	19	6	26	13	13	A
C	25	7	19	26	14	13	0	0	0	0	2	0	0	0	0	0	0	25	19	7	26	13	14	A
C	25	7	18	26	14	12	0	0	0	0	21	3	0	0	0	0	0	25	18	7	26	12	14	A
C	25	8	18	26	15	12	0	0	0	0	2	1	0	0	0	0	0	25	18	8	26	12	15	A
C	25	8	17	26	15	11	0	0	0	0	13	13	0	0	0	0	0	25	17	8	26	11	15	A
C	25	9	17	26	16	11	0	0	0	0	1	2	0	0	0	0	0	25	17	9	26	11	16	A
C	25	9	16	26	16	10	0	0	0	0	4	22	1	0	0	0	0	25	16	9	26	10	16	A
C	25	10	16	26	17	10	0	0	0	0	0	2	0	0	0	0	0	25	16	10	26	10	17	A
C	25	10	15	26	17	9	0	0	0	0	1	19	6	0	0	0	0	25	15	10	26	9	17	A
C	25	11	15	26	18	9	0	0	0	0	0	1	1	0	0	0	0	25	15	11	26	9	18	A
C	25	11	14	26	18	8	0	0	0	0	0	8	15	0	0	0	0	25	14	11	26	8	18	A
C	25	12	14	26	19	8	0	0	0	0	0	1	2	0	0	0	0	25	14	12	26	8	19	A

J K_{-1} K_{+1} — J K_{-1} K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
C 25 12 13 26 19 7	0	0	0	0	0	1	17	1	0	0	0	25 13 12 26 7 19 A
C 25 13 13 26 20 7	0	0	0	0	0	0	1	0	0	0	0	25 13 13 26 7 20 A
C 25 13 12 26 20 6	0	0	0	0	0	0	10	4	0	0	0	25 12 13 26 6 20 A
C 25 14 12 26 21 6	0	0	0	0	0	0	1	1	0	0	0	25 12 14 26 6 21 A
C 25 14 11 26 21 5	0	0	0	0	0	0	2	8	0	0	0	25 11 14 26 5 21 A
C 25 15 11 26 22 5	0	0	0	0	0	0	0	1	0	0	0	25 11 15 26 5 22 A
C 25 15 10 26 22 4	0	0	0	0	0	0	0	8	1	0	0	25 10 15 26 4 22 A
C 25 16 9 26 23 3	0	0	0	0	0	0	0	3	2	0	0	25 9 16 26 3 23 A
C 25 17 8 26 24 2	0	0	0	0	0	0	0	0	2	0	0	25 8 17 26 2 24 A
C 25 18 7 26 25 1	0	0	0	0	0	0	0	0	1	0	0	25 7 18 26 1 25 A
						$\Delta\tau$ = 14						
B 25 4 22 26 11 15	0	0	0	1	0	0	0	0	0	0	0	25 22 4 26 15 11 B
B 25 5 21 26 12 14	0	0	0	1	0	0	0	0	0	0	0	25 21 5 26 14 12 B
B 25 6 20 26 13 13	0	0	0	1	1	0	0	0	0	0	0	25 20 6 26 13 13 B
B 25 7 19 26 14 12	0	0	0	0	3	0	0	0	0	0	0	25 19 7 26 12 14 B
B 25 8 18 26 15 11	0	0	0	0	2	2	0	0	0	0	0	25 18 8 26 11 15 B
B 25 9 17 26 16 10	0	0	0	0	1	3	0	0	0	0	0	25 17 9 26 10 16 B
B 25 10 16 26 17 9	0	0	0	0	1	4	1	0	0	0	0	25 16 10 26 9 17 B
B 25 11 15 26 18 8	0	0	0	0	0	3	3	0	0	0	0	25 15 11 26 8 18 B
B 25 12 14 26 19 7	0	0	0	0	0	1	4	0	0	0	0	25 14 12 26 7 19 B
B 25 13 13 26 20 6	0	0	0	0	0	0	4	1	0	0	0	25 13 13 26 6 20 B
B 25 14 12 26 21 5	0	0	0	0	0	0	2	3	0	0	0	25 12 14 26 5 21 B
B 25 15 11 26 22 4	0	0	0	0	0	0	1	3	0	0	0	25 11 15 26 4 22 B
B 25 16 10 26 23 3	0	0	0	0	0	0	0	2	1	0	0	25 10 16 26 3 23 B
B 25 17 9 26 24 2	0	0	0	0	0	0	0	1	1	0	0	25 9 17 26 2 24 B
B 25 18 8 26 25 1	0	0	0	0	0	0	0	0	1	0	0	25 8 18 26 1 25 B
						$\Delta\tau$ = 15						
A 25 5 20 26 13 13	0	0	0	0	1	0	0	0	0	0	0	25 20 5 26 13 13 C
A 25 6 19 26 14 12	0	0	0	0	1	0	0	0	0	0	0	25 19 6 26 12 14 C
A 25 7 18 26 15 11	0	0	0	0	1	1	0	0	0	0	0	25 18 7 26 11 15 C
A 25 8 17 26 16 10	0	0	0	0	0	2	0	0	0	0	0	25 17 8 26 10 16 C
A 25 9 16 26 17 9	0	0	0	0	0	2	1	0	0	0	0	25 16 9 26 9 17 C
A 25 10 15 26 18 8	0	0	0	0	0	1	2	0	0	0	0	25 15 10 26 8 18 C
A 25 11 14 26 19 7	0	0	0	0	0	0	3	0	0	0	0	25 14 11 26 7 19 C
A 25 12 13 26 20 6	0	0	0	0	0	0	2	1	0	0	0	25 13 12 26 6 20 C
A 25 13 12 26 21 5	0	0	0	0	0	0	1	2	0	0	0	25 12 13 26 5 21 C
A 25 14 11 26 22 4	0	0	0	0	0	0	0	3	0	0	0	25 11 14 26 4 22 C
A 25 15 10 26 23 3	0	0	0	0	0	0	0	2	1	0	0	25 10 15 26 3 23 C
A 25 16 9 26 24 2	0	0	0	0	0	0	0	0	1	0	0	25 9 16 26 2 24 C
A 25 17 8 26 25 1	0	0	0	0	0	0	0	0	1	0	0	25 8 17 26 1 25 C
J=26 ΔJ = 0												
						$\Delta\tau$ = 1						
C 26 13 13 26 14 13	981481	960290	894533	800102	631924	507377	1000433	1208828	1261273	1275084	1275926	26 13 13 26 13 14 A
A 26 14 13 26 14 12	1479772	1479063	1467446	1423713	1258379	781215	611743	819974	930382	1006206	1030556	26 13 14 26 12 14 C
C 26 14 12 26 15 12	928632	910092	852699	770981	630648	449323	725203	1005808	1069610	1086173	1087179	26 12 14 26 12 15 A
A 26 15 12 26 15 11	1698718	1698118	1688293	1651509	1516016	1163007	601500	827610	959301	1047641	1075855	26 12 15 26 11 15 C
C 26 15 11 26 16 11	872009	855750	805500	734347	614672	464168	453444	812694	892201	912316	913533	26 11 15 26 11 16 A
A 26 16 11 26 16 10	1932764	1932254	1923925	1892848	1780127	1508161	785805	817368	979782	1084292	1117379	26 11 16 26 10 16 C
C 26 16 10 26 17 10	811610	797359	753363	691290	588182	464523	323783	624895	728627	753493	754986	26 10 16 26 10 17 A
A 26 17 10 26 17 9	2181909	2181477	2174418	2148144	2053758	1834400	1245198	781356	989229	1115686	1155128	26 10 17 26 9 17 C
C 26 17 9 26 18 9	747436	734988	696588	642541	553461	449444	313512	431334	578118	609673	611538	26 9 17 26 9 18 A
A 26 18 9 26 18 8	2446154	2445789	2439828	2417675	2338601	2158653	1722233	783312	982745	1141038	1189103	26 9 18 26 8 18 C
C 26 18 8 26 19 8	679487	668688	635393	588608	511880	423648	313644	256766	439020	480799	483191	26 8 18 26 8 19 A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	26	19	8	26	19	7	2725499	2725193	2720195	2701644	2635706	2487587	2146607	1090910	950989	1158962	1219302	26	8	19	26	7	19	C
C	26	19	7	26	20	7	607764	598497	569940	529857	464332	389670	299409	184380	306716	366768	369943	26	7	19	26	7	20	A
A	26	20	7	26	20	6	3019943	3019689	3015550	3000195	2945778	2824559	2552889	1739881	910774	1166796	1245726	26	7	20	26	6	20	C
C	26	20	6	26	21	6	532265	524445	500350	466557	411432	348972	274704	174859	179878	267365	271795	26	6	20	26	6	21	A
A	26	21	6	26	21	5	3329487	3329281	3325915	3313438	3269310	3171559	2955898	2364846	1118916	1158839	1268376	26	6	21	26	5	21	C
C	26	21	5	26	22	5	452991	446553	426718	398914	353622	302481	242232	164077	105442	182046	188746	26	5	21	26	5	22	A
A	26	22	5	26	22	4	3654131	3653968	3651310	3641458	3606664	3529880	3362136	2921233	1864483	1124276	1287251	26	5	22	26	4	22	C
C	26	22	4	26	23	4	369943	364839	349116	327085	291227	250826	203480	143261	86003	109026	120798	26	4	22	26	4	23	A
A	26	23	4	26	23	3	3993875	3993752	3991747	3984318	3958109	3900419	3775186	3453077	2750840	1134650	1302350	26	4	23	26	3	23	C
C	26	23	3	26	24	3	283120	279316	267602	251191	224495	194456	159358	115147	73994	50986	67949	26	3	23	26	3	24	A
A	26	24	3	26	24	2	4348718	4348632	4347238	4342071	4323853	4283823	4197287	3977466	3522070	1702878	1313675	26	3	24	26	2	24	C
C	26	24	2	26	25	2	192521	189997	182221	171330	153618	133703	110471	81344	54691	24739	30199	26	2	24	26	2	25	A
A	26	25	2	26	25	1	4718661	4718611	4717791	4714756	4704057	4680578	4629951	4502276	4243644	3142557	1321225	26	2	25	26	1	25	C
C	26	25	1	26	26	1	98148	96889	93011	87578	78746	68819	57247	42768	29606	13608	7550	26	1	25	26	1	26	A
A	26	26	1	26	26	0	5103702	5103687	5103415	5102406	5098852	5091055	5074256	5031987	4946958	4605730	2650000	26	1	26	26	0	26	C
												Δτ =	2											
B	26	13	14	26	14	13	981481	1002894	1072263	1180053	1393449	1601879	1393449	1180053	1072263	1002894	981481	26	14	13	26	13	14	B
B	26	13	13	26	14	12	981481	1002894	1072263	1180053	1394484	1972869	1518616	1259030	1134753	1055138	1030556	26	13	13	26	12	14	B
B	26	14	13	26	15	12	928632	947378	1008126	1102283	1286414	1544007	1503867	1259025	1134753	1055138	1030556	26	13	14	26	12	15	B
B	26	14	12	26	15	11	928632	947378	1008126	1102283	1286484	1606094	1754945	1341461	1196434	1104303	1075855	26	12	14	26	11	15	B
B	26	15	12	26	16	11	872009	888455	941769	1024290	1184239	1420365	1587190	1341362	1196434	1104303	1075855	26	12	15	26	11	16	B
B	26	15	11	26	16	10	872009	888455	941769	1024290	1184243	1424674	2073452	1431396	1258582	1150680	1117379	26	11	15	26	10	16	B
B	26	16	11	26	17	10	811610	826030	872790	945115	1084539	1288497	1570263	1429857	1258582	1150680	1117379	26	11	16	26	10	17	B
B	26	16	10	26	17	9	811610	826030	872790	945115	1084540	1288793	1773745	1544093	1323230	1194720	1155128	26	10	16	26	9	17	B
B	26	17	10	26	18	9	747436	760035	800899	864083	985489	1161112	1444943	1521417	1323208	1194720	1155128	26	10	17	26	9	18	B
B	26	17	9	26	18	8	747436	760035	800899	864083	985489	1161130	1463637	1808310	1393905	1237149	1189103	26	9	17	26	8	18	B
B	26	18	9	26	19	8	679487	690419	725884	780712	885853	1036852	1283252	1573391	1393447	1237149	1189103	26	9	18	26	8	19	B
B	26	18	8	26	19	7	679487	690419	725884	780712	885853	1036853	1284401	2068842	1479159	1279204	1219302	26	8	18	26	7	19	B
B	26	19	8	26	20	7	607764	617145	647585	694641	784774	913650	1121822	1499916	1471407	1279204	1219302	26	8	19	26	7	20	B
B	26	19	7	26	20	6	607764	617145	647585	694641	784774	913650	1121891	1653835	1647462	1323122	1245726	26	7	19	26	6	20	B
B	26	20	7	26	21	6	532265	540183	565878	605600	681633	790060	963871	1311579	1532994	1323106	1245726	26	7	20	26	6	21	B
B	26	20	6	26	21	5	532265	540183	565878	605600	681633	790060	963875	1322239	2044855	1373428	1268376	26	6	20	26	5	21	B
B	26	21	6	26	22	5	452991	459511	480671	513382	575972	665087	807292	1092350	1476448	1372867	1268376	26	6	21	26	5	22	B
B	26	21	5	26	22	4	452991	459511	480671	513382	575972	665087	807292	1092883	1793659	1444687	1287251	26	5	21	26	4	22	B
B	26	22	5	26	23	4	369943	375112	391889	417826	467442	538022	650353	873952	1244980	1430277	1287251	26	5	22	26	4	23	B
B	26	22	4	26	23	3	369943	375112	391889	417826	467442	538022	650353	873975	1274164	1681214	1302350	26	4	22	26	3	23	B
B	26	23	4	26	24	3	283120	286971	299473	318802	355773	408338	491878	657439	939267	1435136	1302350	26	4	23	26	3	24	B
B	26	23	3	26	24	2	283120	286971	299473	318802	355773	408338	491878	657440	940335	2097941	1313675	26	3	23	26	2	24	B
B	26	24	3	26	25	2	192521	195078	203377	216209	240751	275637	331038	440597	626641	1172341	1313675	26	3	24	26	2	25	B
B	26	24	2	26	25	1	192521	195078	203377	216209	240751	275637	331038	440597	626671	1373867	1321225	26	2	24	26	1	25	B
B	26	25	2	26	26	1	98148	99423	103563	109964	122206	139606	167231	221814	314338	623246	1321225	26	2	25	26	1	26	B
B	26	25	1	26	26	0	98148	99423	103563	109964	122206	139606	167231	221814	314338	628688	2650000	26	1	25	26	0	26	B
												Δτ =	3											
C	26	13	14	26	14	12	981481	960290	894533	800102	631052	267697	40777	10122	2212	127	0	26	14	13	26	12	14	A
A	26	13	13	26	15	12	0	99	1717	7821	30854	121915	600293	819969	930382	1006206	1030556	26	13	13	26	12	15	C
C	26	14	13	26	15	11	928632	910092	852699	770981	630588	413789	59347	13126	2851	163	0	26	13	14	26	11	15	A
A	26	14	12	26	16	11	0	76	1328	6029	23504	69638	480135	827514	959301	1047641	1075855	26	12	14	26	11	16	C
C	26	15	12	26	16	10	872009	855750	805500	734347	614669	461323	120601	17144	3688	211	0	26	12	15	26	10	16	A
A	26	15	11	26	17	10	0	59	1019	4618	17851	50328	249617	815880	979781	1084292	1117379	26	11	15	26	10	17	C
C	26	16	11	26	17	9	811610	797359	753363	691290	588182	464314	239714	22841	4811	274	0	26	11	16	26	9	17	A
A	26	16	10	26	18	9	0	45	773	3499	13442	37289	114269	760702	989206	1115686	1155128	26	10	16	26	9	18	C
C	26	17	10	26	18	8	747436	734988	696588	642541	553461	449431	305193	35098	6360	360	0	26	10	17	26	8	18	A
A	26	17	9	26	19	8	0	33	577	2609	9976	27365	72004	573279	982273	1141038	1189103	26	9	17	26	8	19	C
C	26	18	9	26	19	7	679487	668688	635393	588608	511880	423647	313047	77292	8599	482	0	26	9	18	26	7	19	A
A	26	18	8	26	20	7	0	24	421	1901	7246	19711	50448	265367	943061	1158962	1219302	26	8	18	26	7	20	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	26	19	8	26	20	6	607764	598497	569940	529857	464332	389670	299371	146813	12588	660	0	26	8	19	26	6	20	A
A	26	19	7	26	21	6	0	17	298	1343	5104	13796	34759	114440	799062	1166780	1245726	26	7	19	26	6	21	C
C	26	20	7	26	21	5	532265	524445	5C0350	466557	411432	348972	274702	171849	26212	936	0	26	7	20	26	5	21	A
A	26	20	6	26	22	5	0	12	201	907	3441	9254	23045	66797	427279	1158255	1268376	26	6	20	26	5	22	C
C	26	21	6	26	22	4	452991	446553	426718	398914	353622	302481	242232	163898	61918	1403	0	26	6	21	26	4	22	A
A	26	21	5	26	23	4	0	7	127	574	2174	5825	14376	40435	146968	1109137	1287251	26	5	21	26	4	23	C
C	26	22	5	26	23	3	369943	364839	349116	327085	291227	250826	203480	143252	81920	2520	0	26	5	22	26	3	23	A
A	26	22	4	26	24	3	0	4	73	328	1241	3315	8123	22401	62667	873968	1302350	26	4	22	26	3	24	C
C	26	23	4	26	24	2	283120	279316	267602	251191	224495	194456	159358	115146	73804	7508	0	26	4	23	26	2	24	A
A	26	23	3	26	25	2	0	2	35	157	592	1578	3846	10447	27830	310172	1313675	26	3	23	26	2	25	C
C	26	24	3	26	25	1	192521	189997	182221	171330	153618	133703	110471	81344	54685	17272	0	26	3	24	26	1	25	A
A	26	24	2	26	26	1	0	1	11	50	189	502	1219	3274	8502	50675	1321225	26	2	24	26	1	26	C
C	26	25	2	26	26	0	98148	96889	93011	87578	78746	68819	57247	42768	29606	13365	0	26	2	25	26	0	26	A
												$\Delta\tau$ = 5												
C	26	12	14	26	15	12	0	20	332	1470	5970	44151	40137	10122	2212	127	0	26	14	12	26	12	15	A
A	26	13	14	26	15	11	C	99	1717	7821	30818	70818	11486	2370	526	31	0	26	14	13	26	11	15	C
C	26	13	13	26	16	11	0	13	210	920	3531	15333	49097	13125	2851	163	0	26	13	13	26	11	16	A
A	26	14	13	26	16	10	0	76	1328	6029	23502	64992	31752	3902	842	49	0	26	13	14	26	10	16	C
C	26	14	12	26	17	10	0	8	133	576	2137	6446	43926	17118	3688	211	0	26	12	14	26	10	17	A
A	26	15	12	26	17	9	0	59	1019	4618	17851	50074	76306	6711	1373	80	0	26	12	15	26	9	17	C
C	26	15	11	26	18	9	C	5	83	358	1298	3546	19310	22330	4811	274	0	26	11	15	26	9	18	A
A	26	16	11	26	18	8	0	45	773	3499	13442	37276	88901	13867	2309	132	0	26	11	16	26	8	18	C
C	26	16	10	26	19	8	0	3	51	219	782	2039	6375	27008	6358	360	0	26	10	16	26	8	19	A
A	26	17	10	26	19	7	0	33	577	2609	9976	27364	70426	42135	4067	225	0	26	10	17	26	7	19	C
C	26	17	9	26	20	7	0	2	31	131	461	1166	2920	22045	8538	482	0	26	9	17	26	7	20	A
A	26	18	9	26	20	6	0	24	421	1901	7246	19711	50371	94061	8074	403	0	26	9	18	26	6	20	C
C	26	18	8	26	21	6	0	1	18	75	263	650	1517	8030	11270	660	0	26	8	18	26	6	21	A
A	26	19	8	26	21	5	0	17	298	1343	5104	13796	34755	94857	24046	768	0	26	8	19	26	5	21	C
C	26	19	7	26	22	5	0	1	10	41	142	346	773	2337	11682	936	0	26	7	19	26	5	22	A
A	26	20	7	26	22	4	0	12	201	907	3441	9254	23045	65870	76049	1615	0	26	7	20	26	4	22	C
C	26	20	6	26	23	4	C	0	5	21	71	170	370	915	5330	1386	0	26	6	20	26	4	23	A
A	26	21	6	26	23	3	0	7	127	574	2174	5825	14376	40400	95471	4343	0	26	6	21	26	3	23	C
C	26	21	5	26	24	3	0	0	2	9	31	74	158	362	1129	2020	0	26	5	21	26	3	24	A
A	26	22	5	26	24	2	0	4	73	328	1241	3315	8123	22400	60272	20948	0	26	5	22	26	2	24	C
C	26	22	4	26	25	2	0	0	1	3	11	26	55	120	263	1835	0	26	4	22	26	2	25	A
A	26	23	4	26	25	1	0	2	35	157	592	1578	3846	10447	27775	66038	0	26	4	23	26	1	25	C
C	26	23	3	26	26	1	0	0	0	1	2	6	12	25	50	338	0	26	3	23	26	1	26	A
A	26	24	3	26	26	0	0	1	11	50	189	502	1219	3274	8501	38303	0	26	3	24	26	0	26	C
												$\Delta\tau$ = 6												
B	26	12	15	26	15	12	0	20	369	1838	9075	23155	9075	1838	369	20	0	26	15	12	26	12	15	B
B	26	12	14	26	15	11	0	20	369	1838	9211	82427	17776	2965	584	32	0	26	14	12	26	11	15	B
B	26	13	14	26	16	11	0	13	234	1150	5433	19154	14926	2964	584	32	0	26	14	13	26	11	16	B
B	26	13	13	26	16	10	0	13	234	1150	5439	30827	48559	4884	935	51	0	26	13	13	26	10	16	B
B	26	14	13	26	17	10	0	8	147	721	3290	12146	21141	4876	935	51	0	26	13	14	26	10	17	B
B	26	14	12	26	17	9	0	8	147	721	3290	12953	96405	8409	1526	82	0	26	12	14	26	9	17	B
B	26	15	12	26	18	9	0	5	92	448	1998	7074	21166	8230	1526	82	0	26	12	15	26	9	18	B
B	26	15	11	26	18	8	0	5	92	448	1998	7108	54366	17416	2566	135	0	26	11	15	26	8	18	B
B	26	16	11	26	19	8	0	3	57	274	1203	4080	14570	13667	2565	135	0	26	11	16	26	8	19	B
B	26	16	10	26	19	7	0	3	57	274	1203	4082	18319	51907	4523	231	0	26	10	16	26	7	19	B
B	26	17	10	26	20	7	C	2	34	164	710	2332	8195	18734	4491	231	0	26	10	17	26	7	20	B
B	26	17	9	26	20	6	0	2	34	164	710	2333	8367	90482	8991	413	0	26	9	17	26	6	20	B
B	26	18	9	26	21	6	0	1	20	94	404	1300	4334	16850	8089	413	0	26	9	18	26	6	21	B
B	26	18	8	26	21	5	0	1	20	94	404	1300	4340	39851	26708	788	0	26	8	18	26	5	21	B
B	26	19	8	26	22	5	0	1	11	51	219	691	2210	9852	12996	788	0	26	8	19	26	5	22	B
B	26	19	7	26	22	4	0	1	11	51	219	691	2210	11726	76229	1657	0	26	7	19	26	4	22	B

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
B 26 20 7 26 23 4	0	0	5	26	109	341	1057	4521	13582	1637	0	26 7 20 26 4 23 B
B 26 20 6 26 23 3	0	0	5	26	109	341	1057	4581	51336	4457	0	26 6 20 26 3 23 B
B 26 21 6 26 24 3	0	0	2	11	48	149	451	1811	7606	3592	0	26 6 21 26 3 24 B
B 26 21 5 26 24 2	0	0	2	11	48	149	451	1812	11306	21367	0	26 5 21 26 2 24 B
B 26 22 5 26 25 2	0	0	1	4	17	53	157	598	2535	5978	0	26 5 22 26 2 25 B
B 26 22 4 26 25 1	0	0	1	4	17	53	157	598	2632	57460	0	26 4 22 26 1 25 B
B 26 23 4 26 26 1	0	0	0	1	4	12	34	126	501	3519	0	26 4 23 26 1 26 B
B 26 23 3 26 26 0	0	0	0	1	4	12	34	126	502	13370	0	26 3 23 26 0 26 B
						$\Delta\tau$ = 7						
C 26 12 15 26 15 11	0	20	332	1470	5880	10182	479	21	1	0	0	26 15 12 26 11 15 A
A 26 12 14 26 16 11	0	0	1	11	196	5223	9613	2370	526	31	0	26 14 12 26 11 16 C
C 26 13 14 26 16 10	0	13	210	920	3527	9365	1722	44	2	0	0	26 14 13 26 10 16 A
A 26 13 13 26 17 10	0	0	0	5	92	1385	13137	3897	842	49	0	26 13 13 26 10 17 C
C 26 14 13 26 17 9	0	8	133	576	2137	6038	5320	95	4	0	0	26 13 14 26 9 17 A
A 26 14 12 26 18 9	0	0	0	3	45	448	10585	6567	1373	80	0	26 12 14 26 9 18 C
C 26 15 12 26 18 8	0	5	83	358	1298	3529	6994	251	8	0	0	26 12 15 26 8 18 A
A 26 15 11 26 19 8	0	0	0	1	22	192	3575	10839	2308	132	0	26 11 15 26 8 19 C
C 26 16 11 26 19 7	0	3	51	219	782	2038	5046	1005	18	0	0	26 11 16 26 7 19 A
A 26 16 10 26 20 7	0	0	0	1	10	86	876	14242	4038	225	0	26 10 16 26 7 20 C
C 26 17 10 26 20 6	0	2	31	131	461	1166	2859	2909	47	0	0	26 10 17 26 6 20 A
A 26 17 9 26 21 6	0	0	0	0	5	38	300	9808	7258	403	0	26 9 17 26 6 21 C
C 26 18 9 26 21 5	0	1	18	75	263	650	1515	3245	187	0	0	26 9 18 26 5 21 A
A 26 18 8 26 22 5	0	0	0	0	2	16	116	2550	11492	768	0	26 8 18 26 5 22 C
C 26 19 8 26 22 4	0	1	10	41	142	346	773	1958	813	1	0	26 8 19 26 4 22 A
A 26 19 7 26 23 4	0	0	0	0	1	6	43	506	10603	1596	0	26 7 19 26 4 23 C
C 26 20 7 26 23 3	0	0	5	21	71	170	370	903	1270	3	0	26 7 20 26 3 23 A
A 26 20 6 26 24 3	0	0	0	0	0	2	14	130	3202	3498	0	26 6 20 26 3 24 C
C 26 21 6 26 24 2	0	0	2	9	31	74	158	362	755	23	0	26 6 21 26 2 24 A
A 26 21 5 26 25 2	0	0	0	0	0	1	4	31	380	5748	0	26 5 21 26 2 25 C
C 26 22 5 26 25 1	0	0	1	3	11	26	55	120	253	115	0	26 5 22 26 1 25 A
A 26 22 4 26 26 1	0	0	0	0	0	0	1	5	38	2858	0	26 4 22 26 1 26 C
C 26 23 4 26 26 0	0	0	0	1	2	6	12	25	50	87	0	26 4 23 26 0 26 A
						$\Delta\tau$ = 9						
C 26 11 15 26 16 11	0	0	0	3	54	1182	402	21	1	0	0	26 15 11 26 11 16 A
A 26 12 15 26 16 10	0	0	1	11	193	1312	247	6	0	0	0	26 15 12 26 10 16 C
C 26 12 14 26 17 10	0	0	0	1	18	468	729	44	2	0	0	26 14 12 26 10 17 A
A 26 13 14 26 17 9	0	0	0	5	92	852	984	17	1	0	0	26 14 13 26 9 17 C
C 26 13 13 26 18 9	0	0	0	0	7	96	896	93	4	0	0	26 13 13 26 9 18 A
A 26 14 13 26 18 8	0	0	0	3	45	420	1643	56	2	0	0	26 13 14 26 8 18 C
C 26 14 12 26 19 8	0	0	0	0	3	24	561	196	8	0	0	26 12 14 26 8 19 A
A 26 15 12 26 19 7	0	0	0	1	22	191	1337	290	5	0	0	26 12 15 26 7 19 C
C 26 15 11 26 20 7	0	0	0	0	1	8	142	350	18	0	0	26 11 15 26 7 20 A
A 26 16 11 26 20 6	0	0	0	1	10	86	695	1098	17	0	0	26 11 16 26 6 20 C
C 26 16 10 26 21 6	0	0	0	0	0	3	26	388	42	0	0	26 10 16 26 6 21 A
A 26 17 10 26 21 5	0	0	0	0	5	38	294	1572	88	0	0	26 10 17 26 5 21 C
C 26 17 9 26 22 5	0	0	0	0	0	1	7	193	90	0	0	26 9 17 26 5 22 A
A 26 18 9 26 22 4	0	0	0	0	2	16	116	1052	509	1	0	26 9 18 26 4 22 C
C 26 18 8 26 23 4	0	0	0	0	0	0	2	34	126	1	0	26 8 18 26 4 23 A
A 26 19 8 26 23 3	0	0	0	0	1	6	43	425	1083	3	0	26 8 19 26 3 23 C
C 26 19 7 26 24 3	0	0	0	0	0	0	0	5	78	3	0	26 7 19 26 3 24 A
A 26 20 7 26 24 2	0	0	0	0	0	2	14	129	801	27	0	26 7 20 26 2 24 C
C 26 20 6 26 25 2	0	0	0	0	0	0	0	1	13	6	0	26 6 20 26 2 25 A
A 26 21 6 26 25 1	0	0	0	0	0	1	4	31	255	195	0	26 6 21 26 1 25 C
C 26 21 5 26 26 1	0	0	0	0	0	0	0	0	1	6	0	26 5 21 26 1 26 A
A 26 22 5 26 26 0	0	0	0	0	0	0	1	5	37	227	0	26 5 22 26 0 26 C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
												$\Delta\tau$ = 10												
B	26	11	16	26	16	11	0	0	0	3	70	308	70	3	0	0	0	26	16	11	26	11	16	B
B	26	11	15	26	16	10	0	0	0	3	83	2331	380	8	0	0	0	26	15	11	26	10	16	B
B	26	12	15	26	17	10	0	0	0	1	27	238	161	8	0	0	0	26	15	12	26	10	17	B
B	26	12	14	26	17	9	0	0	0	1	27	936	1509	21	1	0	0	26	14	12	26	9	17	B
B	26	13	14	26	18	9	0	0	0	1	10	118	264	21	1	0	0	26	14	13	26	9	18	B
B	26	13	13	26	18	8	0	0	0	1	10	192	2438	71	2	0	0	26	13	13	26	8	18	B
B	26	14	13	26	19	8	0	0	0	0	4	45	261	55	2	0	0	26	13	14	26	8	19	B
B	26	14	12	26	19	7	0	0	0	0	4	49	1596	362	6	0	0	26	12	14	26	7	19	B
B	26	15	12	26	20	7	0	0	0	0	2	16	152	127	6	0	0	26	12	15	26	7	20	B
B	26	15	11	26	20	6	0	0	0	0	2	16	406	1367	19	0	0	26	11	15	26	6	20	B
B	26	16	11	26	21	6	0	0	0	0	1	6	59	191	17	0	0	26	11	16	26	6	21	B
B	26	16	10	26	21	5	0	0	0	0	1	6	74	1880	97	0	0	26	10	16	26	5	21	B
B	26	17	10	26	22	5	0	0	0	0	0	2	19	159	47	0	0	26	10	17	26	5	22	B
B	26	17	9	26	22	4	0	0	0	0	0	2	19	962	566	1	0	26	9	17	26	4	22	B
B	26	18	9	26	23	4	0	0	0	0	0	1	5	71	89	1	0	26	9	18	26	4	23	B
B	26	18	8	26	23	3	0	0	0	0	0	1	5	172	1188	3	0	26	8	18	26	3	23	B
B	26	19	8	26	24	3	0	0	0	0	0	0	1	19	85	2	0	26	8	19	26	3	24	B
B	26	19	7	26	24	2	0	0	0	0	0	0	1	23	775	28	0	26	7	19	26	2	24	B
B	26	20	7	26	25	2	0	0	0	0	0	0	0	3	33	8	0	26	7	20	26	2	25	B
B	26	20	6	26	25	1	0	0	0	0	0	0	0	3	133	200	0	26	6	20	26	1	25	B
B	26	21	6	26	26	1	0	0	0	0	0	0	0	0	5	10	0	26	6	21	26	1	26	B
B	26	21	5	26	26	0	0	0	0	0	0	0	0	0	7	230	0	26	5	21	26	0	26	B
												$\Delta\tau$ = 11												
C	26	11	16	26	16	10	0	0	0	3	45	152	8	0	0	0	0	26	16	11	26	10	16	A
A	26	11	15	26	17	10	0	0	0	0	1	106	105	6	0	0	0	26	15	11	26	10	17	C
C	26	12	15	26	17	9	0	0	0	1	17	119	41	0	0	0	0	26	15	12	26	9	17	A
A	26	12	14	26	18	9	0	0	0	0	0	32	171	17	1	0	0	26	14	12	26	9	18	C
C	26	13	14	26	18	8	0	0	0	0	7	59	88	1	0	0	0	26	14	13	26	8	18	A
A	26	13	13	26	19	8	0	0	0	0	0	5	163	44	2	0	0	26	13	13	26	8	19	C
C	26	14	13	26	19	7	0	0	0	0	3	23	91	4	0	0	0	26	13	14	26	7	19	A
A	26	14	12	26	20	7	0	0	0	0	0	1	77	101	5	0	0	26	12	14	26	7	20	C
C	26	15	12	26	20	6	0	0	0	0	1	8	53	20	0	0	0	26	12	15	26	6	20	A
A	26	15	11	26	21	6	0	0	0	0	0	0	15	152	15	0	0	26	11	15	26	6	21	C
C	26	16	11	26	21	5	0	0	0	0	0	3	21	37	0	0	0	26	11	16	26	5	21	A
A	26	16	10	26	22	5	0	0	0	0	0	0	2	122	42	0	0	26	10	16	26	5	22	C
C	26	17	10	26	22	4	0	0	0	0	0	1	6	32	3	0	0	26	10	17	26	4	22	A
A	26	17	9	26	23	4	0	0	0	0	0	0	0	42	80	1	0	26	9	17	26	4	23	C
C	26	18	9	26	23	3	0	0	0	0	0	0	2	14	8	0	0	26	9	18	26	3	23	A
A	26	18	8	26	24	3	0	0	0	0	0	0	0	5	75	2	0	26	8	18	26	3	24	C
C	26	19	8	26	24	2	0	0	0	0	0	0	0	4	8	0	0	26	8	19	26	2	24	A
A	26	19	7	26	25	2	0	0	0	0	0	0	0	0	26	7	0	26	7	19	26	2	25	C
C	26	20	7	26	25	1	0	0	0	0	0	0	0	1	3	0	0	26	7	20	26	1	25	A
A	26	20	6	26	26	1	0	0	0	0	0	0	0	0	2	10	0	26	6	20	26	1	26	C
												$\Delta\tau$ = 13												
C	26	10	16	26	17	10	0	0	0	0	1	14	3	0	0	0	0	26	16	10	26	10	17	A
A	26	11	16	26	17	9	0	0	0	0	1	14	5	0	0	0	0	26	16	11	26	9	17	C
C	26	11	15	26	18	9	0	0	0	0	0	7	7	0	0	0	0	26	15	11	26	9	18	A
A	26	12	15	26	18	8	0	0	0	0	0	8	13	0	0	0	0	26	15	12	26	8	18	C
C	26	12	14	26	19	8	0	0	0	0	0	2	9	0	0	0	0	26	14	12	26	8	19	A
A	26	13	14	26	19	7	0	0	0	0	0	3	17	1	0	0	0	26	14	13	26	7	19	C
C	26	13	13	26	20	7	0	0	0	0	0	0	6	1	0	0	0	26	13	13	26	7	20	A
A	26	14	13	26	20	6	0	0	0	0	0	1	12	4	0	0	0	26	13	14	26	6	20	C
C	26	14	12	26	21	6	0	0	0	0	0	0	2	3	0	0	0	26	12	14	26	6	21	A
A	26	15	12	26	21	5	0	0	0	0	0	0	5	11	0	0	0	26	12	15	26	5	21	C

	J	K₋₁	K₊₁	J′	K₋₁′	K₊₁′	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K₋₁	K₊₁	J′	K₋₁′	K₊₁′	
C	26	15	11	26	22	5	0	0	0	0	0	0	0	3	0	0	0	26	11	15	26	5	22	A
A	26	16	11	26	22	4	0	0	0	0	0	0	2	12	1	0	0	26	11	16	26	4	22	C
C	26	16	10	26	23	4	0	0	0	0	0	0	0	2	0	0	0	26	10	16	26	4	23	A
A	26	17	10	26	23	3	0	0	0	0	0	0	0	7	4	0	0	26	10	17	26	3	23	C
C	26	17	9	26	24	3	0	0	0	0	0	0	0	0	1	0	0	26	9	17	26	3	24	A
A	26	18	9	26	24	2	0	0	0	0	0	0	0	2	5	0	0	26	9	18	26	2	24	C
A	26	19	8	26	25	1	0	0	0	0	0	0	0	0	3	0	0	26	8	19	26	1	25	C
												Δτ = 14												
B	26	10	17	26	17	10	0	0	0	0	0	2	0	0	0	0	0	26	17	10	26	10	17	B
B	26	10	16	26	17	9	0	0	0	0	1	27	7	0	0	0	0	26	16	10	26	9	17	B
B	26	11	16	26	18	9	0	0	0	0	0	2	1	0	0	0	0	26	16	11	26	9	18	B
B	26	11	15	26	18	8	0	0	0	0	0	15	19	0	0	0	0	26	15	11	26	8	18	B
B	26	12	15	26	19	8	0	0	0	0	0	1	2	0	0	0	0	26	15	12	26	8	19	B
B	26	12	14	26	19	7	0	0	0	0	0	4	26	1	0	0	0	26	14	12	26	7	19	B
B	26	13	14	26	20	7	0	0	0	0	0	0	2	0	0	0	0	26	14	13	26	7	20	B
B	26	13	13	26	20	6	0	0	0	0	0	0	18	6	0	0	0	26	13	13	26	6	20	B
B	26	14	13	26	21	6	0	0	0	0	0	0	1	1	0	0	0	26	13	14	26	6	21	B
B	26	14	12	26	21	5	0	0	0	0	0	0	7	13	0	0	0	26	12	14	26	5	21	B
B	26	15	12	26	22	5	0	0	0	0	0	0	0	1	0	0	0	26	12	15	26	5	22	B
B	26	15	11	26	22	4	0	0	0	0	0	0	1	15	1	0	0	26	11	15	26	4	22	B
B	26	16	11	26	23	4	0	0	0	0	0	0	0	1	0	0	0	26	11	16	26	4	23	B
B	26	16	10	26	23	3	0	0	0	0	0	0	0	8	4	0	0	26	10	16	26	3	23	B
B	26	17	9	26	24	2	0	0	0	0	0	0	0	2	6	0	0	26	9	17	26	2	24	B
B	26	18	8	26	25	1	0	0	0	0	0	0	0	0	3	0	0	26	8	18	26	1	25	B
												Δτ = 15												
C	26	10	17	26	17	9	0	0	0	0	0	1	0	0	0	0	0	26	17	10	26	9	17	A
A	26	10	16	26	18	9	0	0	0	0	0	1	1	0	0	0	0	26	16	10	26	9	18	C
C	26	11	16	26	18	8	0	0	0	0	0	1	0	0	0	0	0	26	16	11	26	8	18	A
A	26	11	15	26	19	8	0	0	0	0	0	0	1	0	0	0	0	26	15	11	26	8	19	C
C	26	12	15	26	19	7	0	0	0	0	0	0	1	0	0	0	0	26	15	12	26	7	19	A
A	26	12	14	26	20	7	0	0	0	0	0	0	1	0	0	0	0	26	14	12	26	7	20	C
C	26	13	14	26	20	6	0	0	0	0	0	0	1	0	0	0	0	26	14	13	26	6	20	A
A	26	13	13	26	21	6	0	0	0	0	0	0	1	1	0	0	0	26	13	13	26	6	21	C
A	26	14	12	26	22	5	0	0	0	0	0	0	0	1	0	0	0	26	12	14	26	5	22	C
A	26	15	11	26	23	4	0	0	0	0	0	0	0	1	0	0	0	26	11	15	26	4	23	C
J=26			ΔJ = 1																					
												Δτ = 0												
B	26	13	13	27	14	14	1518519	1494211	1414120	1285359	1008308	638244	1008308	1285359	1414120	1494211	1518519	26	13	13	27	14	14	B
B	26	14	12	27	15	13	1594444	1573065	1502849	1391085	1159820	754382	832343	1175398	1325040	1416738	1444444	26	12	14	27	13	15	B
B	26	15	11	27	16	12	1672222	1653412	1591785	1494376	1297504	970722	665242	1058116	1234780	1340485	1372222	26	11	15	27	12	16	B
B	26	16	10	27	17	11	1751852	1735334	1681318	1596371	1427280	1161968	681441	927620	1142029	1265215	1301852	26	10	16	27	11	17	B
B	26	17	9	27	18	10	1833333	1818889	1771726	1697836	1552279	1331188	908606	774920	1044567	1190563	1233333	26	9	17	27	10	18	B
B	26	18	8	27	19	9	1916667	1904124	1863217	1799315	1674363	1488351	1156972	653225	938255	1115941	1166667	26	8	18	27	9	19	B
B	26	19	7	27	20	8	2001852	1991071	1955946	1901201	1794736	1638345	1371394	752471	815160	1040338	1101852	26	7	19	27	8	20	B
B	26	20	6	27	21	7	2088889	2079759	2050035	2003792	1914230	1783881	1566825	1064719	686484	961850	1038889	26	6	20	27	7	21	B
B	26	21	5	27	22	6	2177778	2170207	2145577	2107313	2033440	1926640	1751551	1372867	722442	876509	977778	26	5	21	27	6	22	B
B	26	22	4	27	23	5	2268519	2262433	2242647	2211943	2152813	2067747	1929733	1642031	1067352	776955	918519	26	4	22	27	5	23	B
B	26	23	3	27	24	4	2361111	2356451	2341303	2317822	2272688	2207996	2103794	1891085	1495842	707215	861111	26	3	23	27	4	24	B
B	26	24	2	27	25	3	2455556	2452270	2441596	2425062	2393330	2347974	2275289	2128813	1868580	951428	805556	26	2	24	27	3	25	B
B	26	25	1	27	26	2	2551852	2549901	2543565	2533756	2514951	2488127	2445288	2359642	2210762	1644495	751852	26	1	25	27	2	26	B
B	26	26	0	27	27	1	2649999	2649351	2647242	2643977	2637721	2628800	2614566	2586172	2537136	2359363	1400000	26	0	26	27	1	27	B
												Δτ = 1												
C	26	0	26	27	1	26	1400000	414118	268615	229753	210106	202240	198578	196907	196432	196304	196296	26	26	0	27	26	1	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	26	1	26	27	2	26	751852	412040	268615	229753	210106	202240	198578	196907	196432	196304	196296	26	26	1	27	26	2	A
C	26	1	25	27	2	25	751852	862494	527197	450851	412281	396846	389662	386383	385452	385201	385185	26	25	1	27	25	2	A
C	26	2	25	27	3	25	805556	773625	527190	450851	412281	396846	389662	386383	385452	385201	385185	26	25	2	27	25	3	A
C	26	2	24	27	3	24	805556	1297300	776181	663378	606537	583819	573250	568428	567059	566689	566667	26	24	2	27	24	3	A
C	26	3	24	27	4	24	861111	980309	775896	663378	606537	583819	573250	568428	567059	566689	566667	26	24	3	27	24	4	A
C	26	3	23	27	4	23	861111	1135668	1019981	867497	792894	763163	749345	743042	741253	740770	740741	26	23	3	27	23	4	A
C	26	4	23	27	5	23	918519	1039880	1010912	867493	792894	763163	749345	743042	741253	740770	740741	26	23	4	27	23	5	A
C	26	4	22	27	5	22	918519	1049959	1327779	1063492	971392	934883	917945	910226	908035	907444	907407	26	22	4	27	22	5	A
C	26	5	22	27	6	22	977778	1071362	1202699	1063394	971392	934883	917945	910226	908035	907444	907407	26	22	5	27	22	6	A
C	26	5	21	27	6	21	977778	1071789	1533886	1252409	1142099	1098987	1079052	1069978	1067404	1066709	1066667	26	21	5	27	21	6	A
C	26	6	21	27	7	21	1038889	1111971	1302768	1250073	1142099	1098987	1079052	1069978	1067404	1066709	1066667	26	21	6	27	21	7	A
C	26	6	20	27	7	20	1038889	1111984	1383855	1460513	1305137	1255493	1232667	1222299	1219360	1218567	1218519	26	20	6	27	20	7	A
C	26	7	20	27	8	20	1101852	1160963	1337312	1415669	1305130	1255493	1232667	1222299	1219360	1218567	1218519	26	20	7	27	20	8	A
C	26	7	19	27	8	19	1101852	1160963	1343615	1713615	1460712	1404431	1378792	1367189	1363904	1363017	1362963	26	19	7	27	19	8	A
C	26	8	19	27	9	19	1166667	1215780	1364589	1525767	1460574	1404431	1378792	1367189	1363904	1363017	1362963	26	19	8	27	19	9	A
C	26	8	18	27	9	18	1166667	1215780	1365004	1678851	1609945	1545854	1517434	1504647	1501034	1500060	1500000	26	18	8	27	18	9	A
C	26	9	18	27	10	18	1233333	1274947	1401187	1572408	1607133	1545853	1517434	1504647	1501034	1500060	1500000	26	18	9	27	18	10	A
C	26	9	17	27	10	17	1233333	1274947	1401210	1590867	1779306	1679850	1648600	1634673	1630751	1629694	1629630	26	17	9	27	17	10	A
C	26	10	17	27	11	17	1301852	1337619	1446240	1598160	1734174	1679832	1648600	1634673	1630751	1629694	1629630	26	17	10	27	17	11	A
C	26	10	16	27	11	16	1301852	1337619	1446241	1599612	1967088	1806576	1772309	1757267	1753055	1751921	1751852	26	16	10	27	16	11	A
C	26	11	16	27	12	16	1372222	1403281	1497748	1629477	1817045	1806229	1772309	1757267	1753055	1751921	1751852	26	16	11	27	16	12	A
C	26	11	15	27	12	15	1372222	1403281	1497748	1629582	1923461	1929304	1888589	1872431	1867945	1866740	1866667	26	15	11	27	15	12	A
C	26	12	15	27	13	15	1444444	1471608	1554360	1669367	1855565	1922322	1888587	1872431	1867945	1866740	1866667	26	15	12	27	15	13	A
C	26	12	14	27	13	14	1444444	1471608	1554360	1669373	1867936	2084472	1997480	1980164	1975421	1974152	1974074	26	14	12	27	14	13	A
C	26	13	14	27	14	14	1518519	1542383	1615196	1716253	1881904	2015049	1997443	1980164	1975421	1974152	1974074	26	14	13	27	14	14	A
C	26	13	13	27	14	13	1518519	1542383	1615196	1716254	1882953	2176070	2099142	2080468	2075481	2074155	2074074	26	13	13	27	13	14	A
C	26	14	13	27	15	13	1594444	1615457	1679659	1768754	1913895	2069093	2098408	2080468	2075481	2074155	2074074	26	13	14	27	13	15	A
C	26	14	12	27	15	12	1594444	1615457	1679659	1768754	1913978	2110421	2201399	2173345	2168125	2166750	2166667	26	12	14	27	12	15	A
C	26	15	12	27	16	12	1672222	1690725	1747329	1825922	1953341	2098169	2187303	2173344	2168125	2166750	2166667	26	12	15	27	12	16	A
C	26	15	11	27	16	11	1672222	1690725	1747329	1825922	1953347	2102006	2324651	2258786	2253350	2251938	2251852	26	11	15	27	11	16	A
C	26	16	11	27	17	11	1751852	1768112	1817907	1887103	1999012	2126054	2251731	2258764	2253350	2251938	2251852	26	11	16	27	11	17	A
C	26	16	10	27	17	10	1751852	1768112	1817907	1887103	1999012	2126384	2337049	2336815	2331150	2329716	2329630	26	10	16	27	10	17	A
C	26	17	10	27	18	10	1833333	1847560	1891168	1951823	2049824	2160315	2287865	2336329	2331150	2329716	2329630	26	10	17	27	10	18	A
C	26	17	9	27	18	9	1833333	1847560	1891168	1951823	2049824	2160339	2300520	2413058	2401511	2400085	2400000	26	9	17	27	9	18	A
C	26	18	9	27	19	9	1916667	1929027	1966943	2019732	2105015	2200749	2313672	2402956	2401509	2400085	2400000	26	9	18	27	9	19	A
C	26	18	8	27	19	8	1916667	1929027	1966943	2019732	2105015	2200750	2314749	2495753	2464381	2463044	2462963	26	8	18	27	8	19	A
C	26	19	8	27	20	8	2001852	2012479	2045103	2090566	2164040	2246336	2342890	2450507	2464338	2463044	2462963	26	8	19	27	8	20	A
C	26	19	7	27	20	7	2001852	2012479	2045103	2090566	2164040	2246336	2342975	2499515	2520144	2518588	2518519	26	7	19	27	7	20	A
C	26	20	7	27	21	7	2088889	2097892	2125547	2164120	2226496	2296299	2377767	2479031	2518842	2518588	2518519	26	7	20	27	7	21	A
C	26	20	6	27	21	6	2088889	2097892	2125547	2164120	2226496	2296299	2377773	2485195	2577375	2566706	2566667	26	6	20	27	6	21	A
C	26	21	6	27	22	6	2177778	2185245	2208195	2240230	2292073	2350084	2417594	2502570	2561277	2566706	2566667	26	6	21	27	6	22	A
C	26	21	5	27	22	5	2177778	2185245	2208195	2240230	2292073	2350084	2417594	2503047	2608166	2607362	2607407	26	5	21	27	5	22	A
C	26	22	5	27	23	5	2268519	2274522	2292982	2318768	2360532	2407281	2461617	2529718	2588575	2607353	2607407	26	5	22	27	5	23	A
C	26	22	4	27	23	4	2268519	2274522	2292982	2318768	2360532	2407281	2461617	2529750	2598476	2640643	2640741	26	4	22	27	4	23	A
C	26	23	4	27	24	4	2361111	2365710	2379857	2399630	2431681	2467580	2509293	2561404	2608623	2640156	2640741	26	4	23	27	4	24	A
C	26	23	3	27	24	3	2361111	2365710	2379857	2399630	2431681	2467580	2509293	2561405	2609339	2668904	2666667	26	3	23	27	3	24	A
C	26	24	3	27	25	3	2455556	2458798	2468776	2482730	2505366	2530737	2560225	2597016	2630398	2663663	2666667	26	3	24	27	3	25	A
C	26	24	2	27	25	2	2455556	2458798	2468776	2482730	2505366	2530737	2560225	2597017	2630436	2679088	2685185	26	2	24	27	2	25	A
C	26	25	2	27	26	2	2551852	2553778	2559705	2567998	2581459	2596557	2614115	2636016	2655851	2678908	2685185	26	2	25	27	2	26	A
C	26	25	1	27	26	1	2551852	2553778	2559705	2567998	2581459	2596557	2614115	2636016	2655852	2680681	2696296	26	1	25	27	1	26	A
C	26	26	1	27	27	1	2650000	2650641	2652614	2655374	2659856	2664882	2670727	2678015	2684607	2692499	2696296	26	1	26	27	1	27	A
C	26	26	0	27	27	0	2649999	2650641	2652614	2655374	2659856	2664882	2670727	2678015	2684607	2692555	2700000	26	0	26	27	0	27	A
												Δτ =	2											
B	26	1	26	27	2	25	751852	31662	8377	4945	3378	2707	2327	2077	1953	1876	1852	26	26	1	27	25	2	B
B	26	2	25	27	3	24	805556	178455	26058	15066	10193	8141	6985	6233	5860	5626	5556	26	25	2	27	24	3	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	26	3	24	27	4	23	861111	542821	54700	30655	20513	16319	13978	12466	11720	11252	11111	26	24	3	27	23	4	B
B	26	4	23	27	5	22	918519	766351	110274	52073	34414	27259	23309	20775	19530	18753	18519	26	23	4	27	22	5	B
B	26	5	22	27	6	21	977778	876062	287803	79770	51976	40976	34973	31154	29288	28128	27778	26	22	5	27	21	6	B
B	26	6	21	27	7	20	1038889	961836	601697	118454	73263	57474	48963	43596	40989	39375	38889	26	21	6	27	20	7	B
B	26	7	20	27	8	19	1101852	1040338	808292	220324	98260	76741	65260	58086	54625	52492	51852	26	20	7	27	19	8	B
B	26	8	19	27	9	18	1166667	1115941	937800	483429	126813	98717	83825	74602	70185	67477	66667	26	19	8	27	18	9	B
B	26	9	18	27	10	17	1233333	1190563	1044543	754574	164653	123237	104592	93108	87650	84325	83333	26	18	9	27	17	10	B
B	26	10	17	27	11	16	1301852	1265215	1142028	925941	272225	149861	127436	113549	106995	103029	101852	26	17	10	27	16	11	B
B	26	11	16	27	12	15	1372222	1340485	1234780	1057994	540575	178189	152119	135836	128179	123580	122222	26	16	11	27	15	12	B
B	26	12	15	27	13	14	1444444	1416738	1325040	1175391	817480	226031	178147	159828	151141	145962	144444	26	15	12	27	14	13	B
B	26	13	14	27	14	13	1518519	1494211	1414120	1285358	1006979	389138	204471	185283	175785	170154	168519	26	14	13	27	13	14	B
B	26	14	13	27	15	12	1594444	1573065	1502849	1391085	1159714	701179	231898	211773	201959	196121	194444	26	13	14	27	12	15	B
B	26	15	12	27	16	11	1672222	1653412	1591785	1494376	1297497	965375	304469	238466	229414	223809	222222	26	12	15	27	11	16	B
B	26	16	11	27	17	10	1751852	1735334	1681318	1596371	1427279	1161495	544745	263665	257716	253129	251852	26	11	16	27	10	17	B
B	26	17	10	27	18	9	1833333	1818889	1771726	1697836	1552279	1331152	888755	287989	286058	283935	283333	26	10	17	27	9	18	B
B	26	18	9	27	19	8	1916667	1904124	1863217	1799315	1674363	1488349	1155159	368130	312797	315968	316667	26	9	18	27	8	19	B
B	26	19	8	27	20	7	2001852	1991071	1955946	1901201	1794736	1638345	1371249	650737	335054	348742	351852	26	8	19	27	7	20	B
B	26	20	7	27	21	6	2088889	2079759	2050035	2003792	1914230	1783881	1566815	1051750	372244	381270	388889	26	7	20	27	6	21	B
B	26	21	6	27	22	5	2177778	2170207	2145577	2107313	2033440	1926640	1751550	1371806	572044	411326	427778	26	6	21	27	5	22	B
B	26	22	5	27	23	4	2268519	2262433	2242647	2211943	2152813	2067747	1929733	1641961	1038392	435031	468519	26	5	22	27	4	23	B
B	26	23	4	27	24	3	2361111	2356451	2341303	2317822	2272688	2207996	2103794	1891082	1493613	496079	511111	26	4	23	27	3	24	B
B	26	24	3	27	25	2	2455556	2452270	2441596	2425062	2393330	2347974	2275289	2128813	1868458	858591	555556	26	3	24	27	2	25	B
B	26	25	2	27	26	1	2551852	2549901	2543565	2533756	2514951	2488127	2445288	2359642	2210758	1633597	601852	26	2	25	27	1	26	B
B	26	26	1	27	27	0	2650000	2649350	2647242	2643978	2637721	2628800	2614566	2586172	2537136	2359009	1300000	26	1	26	27	0	27	B
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A	26	1	26	27	3	25	0	652	841	991	1183	1354	1513	1662	1758	1829	1852	26	26	1	27	25	3	C
A	26	1	25	27	3	24	0	4034	2641	3031	3578	4078	4545	4989	5276	5486	5556	26	25	1	27	24	3	C
A	26	2	25	27	4	24	0	1492	2638	3031	3578	4078	4545	4989	5276	5486	5556	26	25	2	27	24	4	C
A	26	2	24	27	4	23	0	4568	5665	6218	7229	8193	9108	9985	10554	10973	11111	26	24	2	27	23	4	C
A	26	3	24	27	5	23	0	1477	5557	6218	7229	8193	9108	9985	10554	10973	11111	26	24	3	27	23	5	C
A	26	3	23	27	5	22	0	1821	11803	10714	12203	13733	15218	16657	17595	18289	18519	26	23	3	27	22	5	C
A	26	4	23	27	6	22	0	1074	9290	10710	12203	13733	15218	16657	17595	18289	18519	26	23	4	27	22	6	C
A	26	4	22	27	6	21	0	1087	25620	16838	18606	20749	22899	25015	26404	27436	27778	26	22	4	27	21	6	C
A	26	5	22	27	7	21	0	782	11491	16748	18605	20749	22899	25015	26404	27436	27778	26	22	5	27	21	7	C
A	26	5	21	27	7	20	0	782	21058	26157	26605	29316	32190	35075	36987	38415	38889	26	21	5	27	20	7	C
A	26	6	21	27	8	20	0	597	10464	24199	26604	29316	32190	35075	36987	38415	38889	26	21	6	27	20	8	C
A	26	6	20	27	8	19	0	597	11549	48273	36490	39550	43142	46859	49354	51228	51852	26	20	6	27	19	8	C
A	26	7	20	27	9	19	0	473	8423	30298	36474	39550	43142	46859	49354	51228	51852	26	20	7	27	19	9	C
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A	26	8	19	27	10	18	0	385	6791	30342	48551	51633	55838	60401	63519	65878	66667	26	19	8	27	18	10	C
A	26	8	18	27	10	17	0	385	6793	37492	67366	65862	70397	75750	79502	82370	83333	26	18	8	27	17	10	C
A	26	9	18	27	11	17	C	319	5597	26058	62118	65856	70397	75750	79502	82370	83333	26	18	9	27	17	11	C
A	26	9	17	27	11	16	0	319	5597	26578	110019	82760	87006	92978	97334	100711	101852	26	17	9	27	16	11	C
A	26	10	17	27	12	16	0	269	4695	21677	71518	82666	87006	92978	97334	100711	101852	26	17	10	27	16	12	C
A	26	10	16	27	12	15	0	269	4695	21708	124468	103804	105960	112192	117059	120911	122222	26	16	10	27	15	12	C
A	26	11	16	27	13	15	0	229	3987	18228	69529	102256	105958	112192	117059	120911	122222	26	16	11	27	15	13	C
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A	26	14	12	27	16	11	0	147	2541	11466	43710	123824	261925	214044	216876	220743	222222	26	12	14	27	11	16	C
A	26	15	12	27	17	11	0	127	2196	9892	37449	100660	201577	214002	216876	220743	222222	26	12	15	27	11	17	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
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A	26	16	11	27	18	10	0	109	1894	8522	32122	85464	197776	248430	248163	250702	251852	26	11	16	27	10	18	C
A	26	16	10	27	18	9	0	109	1894	8522	32122	85490	234847	296363	283002	282877	283333	26	10	16	27	9	18	C
A	26	17	10	27	19	9	0	94	1626	7312	27478	72551	173257	285470	282992	282877	283333	26	10	17	27	9	19	C
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A	26	18	9	27	20	8	0	80	1386	6227	23356	61359	145644	308686	322468	317516	316667	26	9	18	27	8	20	C
A	26	18	8	27	20	7	0	80	1386	6227	23356	61359	145818	474863	370825	355061	351852	26	8	18	27	7	20	C
A	26	19	8	27	21	7	0	67	1167	5243	19639	51429	121083	291763	367059	355061	351852	26	8	19	27	7	21	C
A	26	19	7	27	21	6	0	67	1167	5243	19639	51429	121093	331316	460679	396364	388889	26	7	19	27	6	21	C
A	26	20	7	27	22	6	0	56	967	4340	16245	42452	99408	245376	405474	396357	388889	26	7	20	27	6	22	C
A	26	20	6	27	22	5	0	56	967	4340	16245	42452	99408	247913	631591	443248	427778	26	6	20	27	5	22	C
A	26	21	6	27	23	5	0	45	781	3505	13112	34218	79856	195992	396782	442978	427778	26	6	21	27	5	23	C
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A	26	22	5	27	24	4	0	35	607	2726	10192	26575	61890	150963	326882	495166	468519	26	5	22	27	4	24	C
A	26	22	4	27	24	3	0	35	607	2726	10192	26575	61890	150968	336115	643154	511111	26	4	22	27	3	24	C
A	26	23	4	27	25	3	0	26	444	1992	7447	19409	45145	109716	238588	523589	511111	26	4	23	27	3	25	C
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A	26	25	2	27	27	1	0	8	141	635	2373	6183	14366	34817	75313	225626	601852	26	2	25	27	1	27	C
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B	26	1	25	27	4	24	0	44680	26029	15066	10193	8141	6985	6233	5860	5626	5556	26	25	1	27	24	4	B
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B	26	3	23	27	6	22	0	3415	81981	52053	34414	27259	23309	20775	19530	18753	18519	26	23	3	27	22	6	B
B	26	4	22	27	7	21	0	1377	67334	79253	51976	40976	34973	31154	29288	28128	27778	26	22	4	27	21	7	B
B	26	5	21	27	8	20	0	711	23200	107419	73261	57474	48963	43596	40989	39375	38889	26	21	5	27	20	8	B
B	26	6	20	27	9	19	0	405	8572	106016	98204	76741	65260	58086	54625	52492	51852	26	20	6	27	19	9	B
B	26	7	19	27	10	18	0	246	4739	51322	125785	98716	83825	74602	70185	67477	66667	26	19	7	27	18	10	B
B	26	8	18	27	11	17	0	157	2950	18893	147531	123223	104592	93108	87650	84325	83333	26	18	8	27	17	11	B
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B	26	10	16	27	13	15	0	71	1301	6599	58425	174534	152116	135836	128179	123580	122222	26	16	10	27	15	13	B
B	26	11	15	27	14	14	C	49	898	4461	24271	178298	178099	159828	151141	145962	144444	26	15	11	27	14	14	B
B	26	12	14	27	15	13	0	35	630	3087	14420	117150	203717	185283	175785	170154	168519	26	14	12	27	13	15	B
B	26	13	13	27	16	12	0	25	446	2167	9713	47421	220491	211770	201959	196121	194444	26	13	13	27	12	16	B
B	26	14	12	27	17	11	0	18	317	1533	6710	23613	191161	238404	229414	223809	222222	26	12	14	27	11	17	B
B	26	15	11	27	18	10	0	12	226	1086	4679	15290	95539	262646	257716	253129	251852	26	11	15	27	10	18	B
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B	26	17	9	27	20	8	0	6	112	535	2263	7040	22094	218071	312526	315968	316667	26	9	17	27	8	20	B
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B	26	20	6	27	23	5	0	2	33	157	656	1981	5712	20447	162869	411025	427778	26	6	20	27	5	23	B
B	26	21	5	27	24	4	0	1	20	95	394	1185	3376	11602	52392	427018	468519	26	5	21	27	4	24	B
B	26	22	4	27	25	3	0	1	11	52	215	643	1816	6086	20825	358097	511111	26	4	22	27	3	25	B
B	26	23	3	27	26	2	0	0	5	24	98	293	822	2706	8748	126696	555556	26	3	23	27	2	26	B
B	26	24	2	27	27	1	0	0	2	7	30	90	250	812	2552	19715	601852	26	2	24	27	1	27	B
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C	26	1	26	27	4	24	0	2271	381	117	39	15	6	1	0	0	0	26	26	1	27	24	4	A
C	26	1	25	27	4	23	0	35374	1872	526	167	65	24	6	1	0	0	26	25	1	27	23	4	A
C	26	2	25	27	5	23	0	4128	1834	526	167	65	24	6	1	0	0	26	25	2	27	23	5	A
C	26	2	24	27	5	22	0	14699	6983	1505	459	175	63	17	4	0	0	26	24	2	27	22	5	A
C	26	3	24	27	6	22	0	2686	5351	1504	459	175	63	17	4	0	0	26	24	3	27	22	6	A
C	26	3	23	27	6	21	0	3333	29552	3547	1015	379	136	35	8	0	0	26	23	3	27	21	6	A

												κ												
	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		
C	26	4	23	27	7	21	0	1327	9869	3526	1015	379	136	35	8	0	0	26	23	4	27	21	7	A
C	26	4	22	27	7	20	0	1343	51978	7952	1992	725	258	67	15	1	0	26	22	4	27	20	7	A
C	26	5	22	27	8	20	0	693	10226	7289	1992	725	258	67	15	1	0	26	22	5	27	20	8	A
C	26	5	21	27	8	19	0	693	20887	22441	3638	1279	449	116	25	1	0	26	21	5	27	19	8	A
C	26	6	21	27	9	19	0	395	6974	12478	3636	1279	449	116	25	1	0	26	21	6	27	19	9	A
C	26	6	20	27	9	18	0	395	7750	56494	6401	2139	738	188	41	2	0	26	20	6	27	18	9	A
C	26	7	20	27	10	18	0	240	4244	14884	6355	2139	738	188	41	2	0	26	20	7	27	18	10	A
C	26	7	19	27	10	17	0	240	4273	40069	11671	3454	1164	294	65	4	0	26	19	7	27	17	10	A
C	26	8	19	27	11	17	0	154	2657	12018	10622	3453	1164	294	65	4	0	26	19	8	27	17	11	A
C	26	8	18	27	11	16	0	154	2658	15282	27789	5474	1783	445	97	6	0	26	18	8	27	16	11	A
C	26	9	18	27	12	16	0	102	1736	8038	15535	5466	1783	445	97	6	0	26	18	9	27	16	12	A
C	26	9	17	27	12	15	0	102	1736	8213	57893	8703	2682	659	143	8	0	26	17	9	27	15	12	A
C	26	10	17	27	13	15	0	69	1171	5288	16937	8551	2682	659	143	8	0	26	17	10	27	15	13	A
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C	26	12	14	27	15	12	0	34	567	2472	9464	50355	9192	1982	421	24	0	26	14	12	27	12	15	A
C	26	13	14	27	16	12	0	24	401	1735	6340	15287	8814	1982	421	24	0	26	14	13	27	12	16	A
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C	26	14	13	27	17	11	0	17	286	1227	4374	11290	12232	2851	595	34	0	26	13	14	27	11	17	A
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C	26	18	9	27	21	7	0	4	69	294	1004	2374	5020	8683	2578	139	0	26	9	18	27	7	21	A
C	26	18	8	27	21	6	0	4	69	294	1004	2374	5027	19035	4429	207	0	26	8	18	27	6	21	A
C	26	19	8	27	22	6	0	3	46	196	667	1562	3218	6596	3751	207	0	26	8	19	27	6	22	A
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C	26	20	7	27	23	5	0	2	30	126	426	991	2004	4093	4542	318	0	26	7	20	27	5	23	A
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C	26	21	6	27	24	4	0	1	18	76	256	593	1183	2333	3670	511	0	26	6	21	27	4	24	A
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C	26	22	5	27	25	3	C	1	10	41	140	322	636	1221	2034	805	0	26	5	22	27	3	25	A
C	26	22	4	27	25	2	0	1	10	41	140	322	636	1221	2110	3169	0	26	4	22	27	2	25	A
C	26	23	4	27	26	2	0	0	4	19	64	146	288	542	877	878	0	26	4	23	27	2	26	A
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C	26	24	3	27	27	1	0	0	1	6	20	45	87	162	255	380	0	26	3	24	27	1	27	A
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B	26	2	25	27	5	22	0	4152	289	40	9	3	1	0	0	0	0	26	25	2	27	22	5	B
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B	26	5	22	27	8	19	0	710	11021	2230	229	64	19	4	1	0	0	26	22	5	27	19	8	B
B	26	6	21	27	9	18	0	405	7704	9397	542	140	41	9	2	0	0	26	21	6	27	18	9	B
B	26	7	20	27	10	17	C	246	4705	16870	1316	292	83	18	4	0	0	26	20	7	27	17	10	B
B	26	8	19	27	11	16	0	157	2949	14736	4272	591	159	35	7	0	0	26	19	8	27	16	11	B
B	26	9	18	27	12	15	0	104	1928	9983	14573	1199	298	64	13	1	0	26	18	9	27	15	12	B
B	26	10	17	27	13	14	0	71	1301	6590	23425	2769	553	114	23	1	0	26	17	10	27	14	13	B
B	26	11	16	27	14	13	0	49	898	4460	20264	9043	1032	202	40	2	0	26	16	11	27	13	14	B
B	26	12	15	27	15	12	0	35	630	3087	14202	23714	2009	358	70	4	0	26	15	12	27	12	15	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	26	13	14	27	16	11	0	25	446	2167	9702	28514	4964	638	122	7	0	26	14	13	27	11	16	B
B	26	14	13	27	17	10	0	18	317	1533	6709	22096	16342	1162	213	11	0	26	13	14	27	10	17	B
B	26	15	12	27	18	9	0	12	226	1086	4679	15215	32096	2253	380	20	0	26	12	15	27	9	18	B
B	26	16	11	27	19	8	0	9	160	766	3266	10355	30623	5731	698	36	0	26	11	16	27	8	19	B
B	26	17	10	27	20	7	0	6	112	535	2263	7040	21625	19487	1349	67	0	26	10	17	27	7	20	B
B	26	18	9	27	21	6	0	4	77	367	1544	4739	14221	36405	3059	129	0	26	9	18	27	6	21	B
B	26	19	8	27	22	5	0	3	51	245	1026	3121	9152	31668	10729	267	0	26	8	19	27	5	22	B
B	26	20	7	27	23	4	0	2	33	157	656	1981	5712	20170	31743	608	0	26	7	20	27	4	23	B
B	26	21	6	27	24	3	0	1	20	95	394	1185	3376	11592	34416	1828	0	26	6	21	27	3	24	B
B	26	22	5	27	25	2	0	1	11	52	215	643	1816	6086	20042	9663	0	26	5	22	27	2	25	B
B	26	23	4	27	26	1	0	0	5	24	98	293	822	2706	8731	28004	0	26	4	23	27	1	26	B
B	26	24	3	27	27	0	0	0	2	7	30	90	250	812	2552	14933	0	26	3	24	27	0	27	B
												Δτ = 7												
A	26	0	26	27	4	23	0	46	3	1	1	0	0	0	0	0	0	26	26	0	27	23	4	C
A	26	1	26	27	5	23	0	4	3	1	1	0	0	0	0	0	0	26	26	1	27	23	5	C
A	26	1	25	27	5	22	0	80	29	8	3	1	1	0	0	0	0	26	25	1	27	22	5	C
A	26	2	25	27	6	22	0	5	22	8	3	1	1	0	0	0	0	26	25	2	27	22	6	C
A	26	2	24	27	6	21	0	18	226	32	11	5	2	1	0	0	0	26	24	2	27	21	6	C
A	26	3	24	27	7	21	0	2	72	31	11	5	2	1	0	0	0	26	24	3	27	21	7	C
A	26	3	23	27	7	20	0	3	834	107	32	13	5	2	0	0	0	26	23	3	27	20	7	C
A	26	4	23	27	8	20	0	1	112	98	32	13	5	2	0	0	0	26	23	4	27	20	8	C
A	26	4	22	27	8	19	0	1	696	446	80	32	12	4	1	0	0	26	22	4	27	19	8	C
A	26	5	22	27	9	19	0	0	86	244	80	32	12	4	1	0	0	26	22	5	27	19	9	C
A	26	5	21	27	9	18	0	0	179	1837	190	70	27	7	2	0	0	26	21	5	27	18	9	C
A	26	6	21	27	10	18	0	0	44	402	188	70	27	7	2	0	0	26	21	6	27	18	10	C
A	26	6	20	27	10	17	0	0	49	2668	461	146	54	15	3	0	0	26	20	6	27	17	10	C
A	26	7	20	27	11	17	0	0	21	385	419	146	54	15	3	0	0	26	20	7	27	17	11	C
A	26	7	19	27	11	16	0	0	21	1096	1495	295	103	28	6	0	0	26	19	7	27	16	11	C
A	26	8	19	27	12	16	0	0	10	240	814	295	103	28	6	0	0	26	19	8	27	16	12	C
A	26	8	18	27	12	15	0	0	10	306	4927	600	194	51	12	1	0	26	18	8	27	15	12	C
A	26	9	18	27	13	15	0	0	5	125	1140	589	194	51	12	1	0	26	18	9	27	15	13	C
A	26	9	17	27	13	14	0	0	5	128	6050	1387	360	91	21	1	0	26	17	9	27	14	13	C
A	26	10	17	27	14	14	0	0	3	66	1015	1136	360	91	21	1	0	26	17	10	27	14	14	C
A	26	10	16	27	14	13	0	0	3	66	2375	4504	671	162	36	2	0	26	16	10	27	13	14	C
A	26	11	16	27	15	13	0	0	2	36	634	1857	669	162	36	2	0	26	16	11	27	13	15	C
A	26	11	15	27	15	12	0	0	2	36	756	10762	1308	286	63	4	0	26	15	11	27	12	15	C
A	26	12	15	27	16	12	0	0	1	20	346	2111	1253	286	63	4	0	26	15	12	27	12	16	C
A	26	12	14	27	16	11	0	0	1	20	351	7992	3233	510	110	6	0	26	14	12	27	11	16	C
A	26	13	14	27	17	11	0	0	1	12	189	1579	2227	510	110	6	0	26	14	13	27	11	17	C
A	26	13	13	27	17	10	0	0	1	12	189	2556	10424	930	192	11	0	26	13	13	27	10	17	C
A	26	14	13	27	18	10	0	0	0	7	105	909	3145	927	192	11	0	26	13	14	27	10	18	C
A	26	14	12	27	18	9	0	0	0	7	105	970	16627	1805	342	20	0	26	12	14	27	9	18	C
A	26	15	12	27	19	9	0	0	0	4	59	487	2935	1721	342	20	0	26	12	15	27	9	19	C
A	26	15	11	27	19	8	0	0	0	4	59	489	7696	4594	628	35	0	26	11	15	27	8	19	C
A	26	16	11	27	20	8	0	0	0	2	33	261	1858	3040	628	35	0	26	11	16	27	8	20	C
A	26	16	10	27	20	7	0	0	0	2	33	261	2339	15209	1215	65	0	26	10	16	27	7	20	C
A	26	17	10	27	21	7	0	0	0	1	18	140	969	4132	1200	65	0	26	10	17	27	7	21	C
A	26	17	9	27	21	6	0	0	0	1	18	140	989	21924	2757	126	0	26	9	17	27	6	21	C
A	26	18	9	27	22	6	0	0	0	1	10	73	480	3499	2323	126	0	26	9	18	27	6	22	C
A	26	18	8	27	22	5	0	0	0	1	10	73	480	8366	9623	260	0	26	8	18	27	5	22	C
A	26	19	8	27	23	5	0	0	0	0	5	37	231	1912	3816	260	0	26	8	19	27	5	23	C
A	26	19	7	27	23	4	0	0	0	0	5	37	231	2277	25491	593	0	26	7	19	27	4	23	C
A	26	20	7	27	24	4	0	0	0	0	2	17	105	827	3843	584	0	26	7	20	27	4	24	C
A	26	20	6	27	24	3	0	0	0	0	2	17	105	838	14808	1783	0	26	6	20	27	3	24	C
A	26	21	6	27	25	3	0	0	0	0	1	7	43	314	2035	1359	0	26	6	21	27	3	25	C

	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	
A	26	21	5	27	25	2	0	0	0	0	1	7	43	314	3028	9360	0	26	5	21	27	2	25	C
A	26	22	5	27	26	2	0	0	0	0	0	2	14	99	644	2283	0	26	5	22	27	2	26	C
A	26	22	4	27	26	1	0	0	0	0	0	2	14	99	669	23078	0	26	4	22	27	1	26	C
A	26	23	4	27	27	1	0	0	0	0	0	1	3	20	122	1298	0	26	4	23	27	1	27	C
A	26	23	3	27	27	0	0	0	0	0	0	1	3	20	122	4946	0	26	3	23	27	0	27	C
												Δτ = 8												
B	26	0	26	27	5	23	0	165	33	6	1	0	0	0	0	0	0	26	26	0	27	23	5	B
B	26	1	25	27	6	22	0	153	221	40	9	3	1	0	0	0	0	26	25	1	27	22	6	B
B	26	2	24	27	7	21	0	23	717	157	32	10	3	1	0	0	0	26	24	2	27	21	7	B
B	26	3	23	27	8	20	0	2	1051	490	91	27	8	2	0	0	0	26	23	3	27	20	8	B
B	26	4	22	27	9	19	0	1	542	1213	229	64	19	4	1	0	0	26	22	4	27	19	9	B
B	26	5	21	27	10	18	0	0	102	1944	538	140	41	9	2	0	0	26	21	5	27	18	10	B
B	26	6	20	27	11	17	0	0	22	1504	1195	292	83	18	4	0	0	26	20	6	27	17	11	B
B	26	7	19	27	12	16	0	0	7	442	2309	590	159	35	7	0	0	26	19	7	27	16	12	B
B	26	8	18	27	13	15	0	0	3	96	3093	1177	298	64	13	1	0	26	18	8	27	15	13	B
B	26	9	17	27	14	14	0	0	1	32	2097	2266	553	114	23	1	0	26	17	9	27	14	14	B
B	26	10	16	27	15	13	0	0	1	13	599	3648	1029	202	40	2	0	26	16	10	27	13	15	B
B	26	11	15	27	16	12	0	0	0	6	149	3736	1924	358	70	4	0	26	15	11	27	12	16	B
B	26	12	14	27	17	11	0	0	0	3	56	1730	3406	637	122	7	0	26	14	12	27	11	17	B
B	26	13	13	27	18	10	0	0	0	1	24	416	4646	1158	213	11	0	26	13	13	27	10	18	B
B	26	14	12	27	19	9	0	0	0	1	11	123	3491	2148	380	20	0	26	12	14	27	9	19	B
B	26	15	11	27	20	8	0	0	0	0	5	49	1082	3775	698	36	0	26	11	15	27	8	20	B
B	26	16	10	27	21	7	0	0	0	0	2	21	245	4923	1332	67	0	26	10	16	27	7	21	B
B	26	17	9	27	22	6	0	0	0	0	1	9	79	3192	2576	129	0	26	9	17	27	6	22	B
B	26	18	8	27	23	5	0	0	0	0	0	3	29	774	4171	267	0	26	8	18	27	5	23	B
B	26	19	7	27	24	4	0	0	0	0	0	1	10	145	3710	598	0	26	7	19	27	4	24	B
B	26	20	6	27	25	3	0	0	0	0	0	0	3	35	1058	1392	0	26	6	20	27	3	25	B
B	26	21	5	27	26	2	0	0	0	0	0	0	1	8	119	2310	0	26	5	21	27	2	26	B
B	26	22	4	27	27	1	0	0	0	0	0	0	0	1	11	1109	0	26	4	22	27	1	27	B
												Δτ = 9												
C	26	0	26	27	5	22	0	158	4	0	0	0	0	0	0	0	0	26	26	0	27	22	5	A
C	26	1	26	27	6	22	0	8	3	0	0	0	0	0	0	0	0	26	26	1	27	22	6	A
C	26	1	25	27	6	21	0	149	76	3	0	0	0	0	0	0	0	26	25	1	27	21	6	A
C	26	2	25	27	7	21	0	6	24	3	0	0	0	0	0	0	0	26	25	2	27	21	7	A
C	26	2	24	27	7	20	0	22	523	15	1	0	0	0	0	0	0	26	24	2	27	20	7	A
C	26	3	24	27	8	20	0	2	66	14	1	0	0	0	0	0	0	26	24	3	27	20	8	A
C	26	3	23	27	8	19	0	2	924	96	4	1	0	0	0	0	0	26	23	3	27	19	8	A
C	26	4	23	27	9	19	0	1	77	53	4	1	0	0	0	0	0	26	23	4	27	19	9	A
C	26	4	22	27	9	18	0	1	487	591	14	2	0	0	0	0	0	26	22	4	27	18	9	A
C	26	5	22	27	10	18	0	0	44	126	14	2	0	0	0	0	0	26	22	5	27	18	10	A
C	26	5	21	27	10	17	0	0	92	1431	47	5	1	0	0	0	0	26	21	5	27	17	10	A
C	26	6	21	27	11	17	0	0	17	167	43	5	1	0	0	0	0	26	21	6	27	17	11	A
C	26	6	20	27	11	16	0	0	19	1193	205	13	1	0	0	0	0	26	20	6	27	16	11	A
C	26	7	20	27	12	16	0	0	6	123	111	12	1	0	0	0	0	26	20	7	27	16	12	A
C	26	7	19	27	12	15	0	0	7	353	932	32	3	0	0	0	0	26	19	7	27	15	12	A
C	26	8	19	27	13	15	0	0	3	60	208	32	3	0	0	0	0	26	19	8	27	15	13	A
C	26	8	18	27	13	14	0	0	3	77	1849	96	8	0	0	0	0	26	18	8	27	14	13	A
C	26	9	18	27	14	14	0	0	1	25	238	79	8	0	0	0	0	26	18	9	27	14	14	A
C	26	9	17	27	14	13	0	0	1	26	1352	406	18	1	0	0	0	26	17	9	27	13	14	A
C	26	10	17	27	15	13	0	0	0	11	165	166	18	1	0	0	0	26	17	10	27	13	15	A
C	26	10	16	27	15	12	0	0	0	11	389	1368	43	2	0	0	0	26	16	10	27	12	15	A
C	26	11	16	27	16	12	0	0	0	5	81	244	41	2	0	0	0	26	16	11	27	12	16	A
C	26	11	15	27	16	11	0	0	0	5	97	1791	134	5	0	0	0	26	15	11	27	11	16	A
C	26	12	15	27	17	11	0	0	0	2	36	220	92	5	0	0	0	26	15	12	27	11	17	A
C	26	12	14	27	17	10	0	0	0	2	36	862	571	10	0	0	0	26	14	12	27	10	17	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 26 13 14 27 18 10	0	0	0	1	16	128	168	10	0	0	0	26 14 13 27 10 18 A
C 26 13 13 27 18 9	0	0	0	1	16	208	1387	25	1	0	0	26 13 13 27 9 18 A
C 26 14 13 27 19 9	0	0	0	0	7	58	199	24	1	0	0	26 13 14 27 9 19 A
C 26 14 12 27 19 8	0	0	0	0	7	62	1200	83	2	0	0	26 12 14 27 8 19 A
C 26 15 12 27 20 8	0	0	0	0	3	24	142	55	2	0	0	26 12 15 27 8 20 A
C 26 15 11 27 20 7	0	0	0	0	3	25	378	369	5	0	0	26 11 15 27 7 20 A
C 26 16 11 27 21 7	0	0	0	0	1	10	68	97	5	0	0	26 11 16 27 7 21 A
C 26 16 10 27 21 6	0	0	0	0	1	10	86	855	16	0	0	26 10 16 27 6 21 A
C 26 17 10 27 22 6	0	0	0	0	1	4	27	105	13	0	0	26 10 17 27 6 22 A
C 26 17 9 27 22 5	0	0	0	0	1	4	28	630	75	0	0	26 9 17 27 5 22 A
C 26 18 9 27 23 5	0	0	0	0	0	2	10	64	29	0	0	26 9 18 27 5 23 A
C 26 18 8 27 23 4	0	0	0	0	0	2	10	155	300	0	0	26 8 18 27 4 23 A
C 26 19 8 27 24 4	0	0	0	0	0	1	3	24	40	0	0	26 8 19 27 4 24 A
C 26 19 7 27 24 3	0	0	0	0	0	1	3	29	357	1	0	26 7 19 27 3 24 A
C 26 20 7 27 25 3	0	0	0	0	0	0	1	7	27	1	0	26 7 20 27 3 25 A
C 26 20 6 27 25 2	0	0	0	0	0	0	1	7	106	11	0	26 6 20 27 2 25 A
C 26 21 6 27 26 2	0	0	0	0	0	0	0	2	8	3	0	26 6 21 27 2 26 A
C 26 21 5 27 26 1	0	0	0	0	0	0	0	2	12	47	0	26 5 21 27 1 26 A
C 26 22 5 27 27 1	0	0	0	0	0	0	0	0	1	2	0	26 5 22 27 1 27 A
C 26 22 4 27 27 0	0	0	0	0	0	0	0	0	1	27	0	26 4 22 27 0 27 A
						$\Delta\tau = 10$						
B 26 1 26 27 6 21	0	8	1	0	0	0	0	0	0	0	0	26 26 1 27 21 6 B
B 26 2 25 27 7 20	0	6	22	0	0	0	0	0	0	0	0	26 25 2 27 20 7 B
B 26 3 24 27 8 19	0	2	72	4	0	0	0	0	0	0	0	26 24 3 27 19 8 B
B 26 4 23 27 9 18	0	1	85	40	1	0	0	0	0	0	0	26 23 4 27 18 9 B
B 26 5 22 27 10 17	0	0	49	145	3	0	0	0	0	0	0	26 22 5 27 17 10 B
B 26 6 21 27 11 16	0	0	19	207	17	1	0	0	0	0	0	26 21 6 27 16 11 B
B 26 7 20 27 12 15	0	0	7	154	106	3	0	0	0	0	0	26 20 7 27 15 12 B
B 26 8 19 27 13 14	0	0	3	75	293	10	1	0	0	0	0	26 19 8 27 14 13 B
B 26 9 18 27 14 13	0	0	1	31	362	56	2	0	0	0	0	26 18 9 27 13 14 B
B 26 10 17 27 15 12	0	0	1	13	254	248	6	0	0	0	0	26 17 10 27 12 15 B
B 26 11 16 27 16 11	0	0	0	6	125	466	23	1	0	0	0	26 16 11 27 11 16 B
B 26 12 15 27 17 10	0	0	0	3	55	438	126	2	0	0	0	26 15 12 27 10 17 B
B 26 13 14 27 18 9	0	0	0	1	24	256	408	6	0	0	0	26 14 13 27 9 18 B
B 26 14 13 27 19 8	0	0	0	1	11	116	556	23	1	0	0	26 13 14 27 8 19 B
B 26 15 12 27 20 7	0	0	0	0	5	49	406	133	2	0	0	26 12 15 27 7 20 B
B 26 16 11 27 21 6	0	0	0	0	2	21	195	420	6	0	0	26 11 16 27 6 21 B
B 26 17 10 27 22 5	0	0	0	0	1	9	77	519	39	0	0	26 10 17 27 5 22 B
B 26 18 9 27 23 4	0	0	0	0	0	3	29	320	211	0	0	26 9 18 27 4 23 B
B 26 19 8 27 24 3	0	0	0	0	0	1	10	121	388	1	0	26 8 19 27 3 24 B
B 26 20 7 27 25 2	0	0	0	0	0	0	3	35	265	12	0	26 7 20 27 2 25 B
B 26 21 6 27 26 1	0	0	0	0	0	0	1	8	80	83	0	26 6 21 27 1 26 B
B 26 22 5 27 27 0	0	0	0	0	0	0	0	1	11	88	0	26 5 22 27 0 27 B
						$\Delta\tau = 11$						
A 26 1 25 27 7 20	0	0	2	0	0	0	0	0	0	0	0	26 25 1 27 20 7 C
A 26 2 24 27 8 19	0	0	7	1	0	0	0	0	0	0	0	26 24 2 27 19 8 C
A 26 3 24 27 9 19	0	0	1	0	0	0	0	0	0	0	0	26 24 3 27 19 9 C
A 26 3 23 27 9 18	0	0	8	8	0	0	0	0	0	0	0	26 23 3 27 18 9 C
A 26 4 23 27 10 18	0	0	0	2	0	0	0	0	0	0	0	26 23 4 27 18 10 C
A 26 4 22 27 10 17	0	0	3	29	1	0	0	0	0	0	0	26 22 4 27 17 10 C
A 26 5 22 27 11 17	0	0	0	3	1	0	0	0	0	0	0	26 22 5 27 17 11 C
A 26 5 21 27 11 16	0	0	0	40	6	0	0	0	0	0	0	26 21 5 27 16 11 C
A 26 6 21 27 12 16	0	0	0	3	3	0	0	0	0	0	0	26 21 6 27 16 12 C
A 26 6 20 27 12 15	0	0	0	24	37	1	0	0	0	0	0	26 20 6 27 15 12 C
A 26 7 20 27 13 15	0	0	0	2	8	1	0	0	0	0	0	26 20 7 27 15 13 C

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
A 26 7 19 27 13 14	0	0	0	6	102	5	0	0	0	0	0	26 19 7 27 14 13 C
A 26 8 19 27 14 14	0	0	0	1	13	4	0	0	0	0	0	26 19 8 27 14 14 C
A 26 8 18 27 14 13	0	0	0	1	121	28	1	0	0	0	0	26 18 8 27 13 14 C
A 26 9 18 27 15 13	0	0	0	0	11	11	1	0	0	0	0	26 18 9 27 13 15 C
A 26 9 17 27 15 12	0	0	0	0	64	124	4	0	0	0	0	26 17 9 27 12 15 C
A 26 10 17 27 16 12	0	0	0	0	6	22	4	0	0	0	0	26 17 10 27 12 16 C
A 26 10 16 27 16 11	0	0	0	0	15	230	15	1	0	0	0	26 16 10 27 11 16 C
A 26 11 16 27 17 11	0	0	0	0	2	25	10	1	0	0	0	26 16 11 27 11 17 C
A 26 11 15 27 17 10	0	0	0	0	3	194	82	2	0	0	0	26 15 11 27 10 17 C
A 26 12 15 27 18 10	0	0	0	0	1	18	24	2	0	0	0	26 15 12 27 10 18 C
A 26 12 14 27 18 9	0	0	0	0	1	70	264	5	0	0	0	26 14 12 27 9 18 C
A 26 13 14 27 19 9	0	0	0	0	0	8	37	4	0	0	0	26 14 13 27 9 19 C
A 26 13 13 27 19 8	0	0	0	0	0	13	349	19	1	0	0	26 13 13 27 8 19 C
A 26 14 13 27 20 8	0	0	0	0	0	3	33	12	1	0	0	26 13 14 27 8 20 C
A 26 14 12 27 20 7	0	0	0	0	0	3	204	107	2	0	0	26 12 14 27 7 20 C
A 26 15 12 27 21 7	0	0	0	0	0	1	18	28	2	0	0	26 12 15 27 7 21 C
A 26 15 11 27 21 6	0	0	0	0	0	1	48	335	6	0	0	26 11 15 27 6 21 C
A 26 16 11 27 22 6	0	0	0	0	0	0	7	40	5	0	0	26 11 16 27 6 22 C
A 26 16 10 27 22 5	0	0	0	0	0	0	8	397	35	0	0	26 10 16 27 5 22 C
A 26 17 10 27 23 5	0	0	0	0	0	0	2	31	14	0	0	26 10 17 27 5 23 C
A 26 17 9 27 23 4	0	0	0	0	0	0	2	187	190	0	0	26 9 17 27 4 23 C
A 26 18 9 27 24 4	0	0	0	0	0	0	1	13	25	0	0	26 9 18 27 4 24 C
A 26 18 8 27 24 3	0	0	0	0	0	0	1	31	344	1	0	26 8 18 27 3 24 C
A 26 19 8 27 25 3	0	0	0	0	0	0	0	3	23	1	0	26 8 19 27 3 25 C
A 26 19 7 27 25 2	0	0	0	0	0	0	0	4	208	12	0	26 7 19 27 2 25 C
A 26 20 7 27 26 2	0	0	0	0	0	0	0	1	8	3	0	26 7 20 27 2 26 C
A 26 20 6 27 26 1	0	0	0	0	0	0	0	1	34	80	0	26 6 20 27 1 26 C
A 26 21 6 27 27 1	0	0	0	0	0	0	0	0	1	4	0	26 6 21 27 1 27 C
A 26 21 5 27 27 0	0	0	0	0	0	0	0	0	2	85	0	26 5 21 27 0 27 C
						$\Delta\tau = 12$						
B 26 1 25 27 8 20	0	0	3	0	0	0	0	0	0	0	0	26 25 1 27 20 8 B
B 26 2 24 27 9 19	0	0	6	2	0	0	0	0	0	0	0	26 24 2 27 19 9 B
B 26 3 23 27 10 18	0	0	5	9	1	0	0	0	0	0	0	26 23 3 27 18 10 B
B 26 4 22 27 11 17	0	0	1	16	3	0	0	0	0	0	0	26 22 4 27 17 11 B
B 26 5 21 27 12 16	0	0	0	16	9	1	0	0	0	0	0	26 21 5 27 16 12 B
B 26 6 20 27 13 15	0	0	0	8	24	3	0	0	0	0	0	26 20 6 27 15 13 B
B 26 7 19 27 14 14	0	0	0	1	36	9	1	0	0	0	0	26 19 7 27 14 14 B
B 26 8 18 27 15 13	0	0	0	0	31	23	2	0	0	0	0	26 18 8 27 13 15 B
B 26 9 17 27 16 12	0	0	0	0	13	44	6	0	0	0	0	26 17 9 27 12 16 B
B 26 10 16 27 17 11	0	0	0	0	2	50	16	1	0	0	0	26 16 10 27 11 17 B
B 26 11 15 27 18 10	0	0	0	0	0	32	37	2	0	0	0	26 15 11 27 10 18 B
B 26 12 14 27 19 9	0	0	0	0	0	9	56	5	0	0	0	26 14 12 27 9 19 B
B 26 13 13 27 20 8	0	0	0	0	0	1	49	15	1	0	0	26 13 13 27 8 20 B
B 26 14 12 27 21 7	0	0	0	0	0	0	22	35	2	0	0	26 12 14 27 7 21 B
B 26 15 11 27 22 6	0	0	0	0	0	0	4	49	5	0	0	26 11 15 27 6 22 B
B 26 16 10 27 23 5	0	0	0	0	0	0	0	37	15	0	0	26 10 16 27 5 23 B
B 26 17 9 27 24 4	0	0	0	0	0	0	0	12	28	0	0	26 9 17 27 4 24 B
B 26 18 8 27 25 3	0	0	0	0	0	0	0	1	25	1	0	26 8 18 27 3 25 B
B 26 19 7 27 26 2	0	0	0	0	0	0	0	0	8	3	0	26 7 19 27 2 26 B
B 26 20 6 27 27 1	0	0	0	0	0	0	0	0	1	4	0	26 6 20 27 1 27 B
						$\Delta\tau = 13$						
C 26 1 25 27 8 19	0	0	2	0	0	0	0	0	0	0	0	26 25 1 27 19 8 A
C 26 2 24 27 9 18	0	0	5	1	0	0	0	0	0	0	0	26 24 2 27 18 9 A
C 26 3 23 27 10 17	0	0	4	6	0	0	0	0	0	0	0	26 23 3 27 17 10 A
C 26 4 23 27 11 17	0	0	0	1	0	0	0	0	0	0	0	26 23 4 27 17 11 A

J K_{-1} K_{+1} — J K_{-1} K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
C 26 4 22 27 11 16	0	0	1	13	0	0	0	0	0	0	0	26 22 4 27 16 11 A
C 26 5 22 27 12 16	0	0	0	1	0	0	0	0	0	0	0	26 22 5 27 16 12 A
C 26 5 21 27 12 15	0	0	0	13	4	0	0	0	0	0	0	26 21 5 27 15 12 A
C 26 6 21 27 13 15	0	0	0	1	1	0	0	0	0	0	0	26 21 6 27 15 13 A
C 26 6 20 27 13 14	0	0	0	6	14	0	0	0	0	0	0	26 20 6 27 14 13 A
C 26 7 20 27 14 14	0	0	0	0	2	0	0	0	0	0	0	26 20 7 27 14 14 A
C 26 7 19 27 14 13	0	0	0	1	23	2	0	0	0	0	0	26 19 7 27 13 14 A
C 26 8 19 27 15 13	0	0	0	0	2	1	0	0	0	0	0	26 19 8 27 13 15 A
C 26 8 18 27 15 12	0	0	0	0	20	9	0	0	0	0	0	26 18 8 27 12 15 A
C 26 9 18 27 16 12	0	0	0	0	1	2	0	0	0	0	0	26 18 9 27 12 16 A
C 26 9 17 27 16 11	0	0	0	0	8	21	0	0	0	0	0	26 17 9 27 11 16 A
C 26 10 17 27 17 11	0	0	0	0	1	2	0	0	0	0	0	26 17 10 27 11 17 A
C 26 10 16 27 17 10	0	0	0	0	1	25	3	0	0	0	0	26 16 10 27 10 17 A
C 26 11 16 27 18 10	0	0	0	0	0	2	1	0	0	0	0	26 16 11 27 10 18 A
C 26 11 15 27 18 9	0	0	0	0	0	16	11	0	0	0	0	26 15 11 27 9 18 A
C 26 12 15 27 19 9	0	0	0	0	0	1	2	0	0	0	0	26 15 12 27 9 19 A
C 26 12 14 27 19 8	0	0	0	0	0	4	19	0	0	0	0	26 14 12 27 8 19 A
C 26 13 14 27 20 8	0	0	0	0	0	0	2	0	0	0	0	26 14 13 27 8 20 A
C 26 13 13 27 20 7	0	0	0	0	0	1	17	2	0	0	0	26 13 13 27 7 20 A
C 26 14 13 27 21 7	0	0	0	0	0	0	1	0	0	0	0	26 13 14 27 7 21 A
C 26 14 12 27 21 6	0	0	0	0	0	0	8	6	0	0	0	26 12 14 27 6 21 A
C 26 15 12 27 22 6	0	0	0	0	0	0	1	1	0	0	0	26 12 15 27 6 22 A
C 26 15 11 27 22 5	0	0	0	0	0	0	1	10	0	0	0	26 11 15 27 5 22 A
C 26 16 11 27 23 5	0	0	0	0	0	0	0	1	0	0	0	26 11 16 27 5 23 A
C 26 16 10 27 23 4	0	0	0	0	0	0	0	7	1	0	0	26 10 16 27 4 23 A
C 26 17 9 27 24 3	0	0	0	0	0	0	0	2	3	0	0	26 9 17 27 3 24 A
C 26 18 8 27 25 2	0	0	0	0	0	0	0	0	2	0	0	26 8 18 27 2 25 A
C 26 19 7 27 26 1	0	0	0	0	0	0	0	0	1	0	0	26 7 19 27 1 26 A
						$\Delta\tau = 14$						
B 26 4 23 27 11 16	0	0	0	1	0	0	0	0	0	0	0	26 23 4 27 16 11 B
B 26 5 22 27 12 15	0	0	0	1	0	0	0	0	0	0	0	26 22 5 27 15 12 B
B 26 6 21 27 13 14	0	0	0	1	1	0	0	0	0	0	0	26 21 6 27 14 13 B
B 26 7 20 27 14 13	0	0	0	0	3	0	0	0	0	0	0	26 20 7 27 13 14 B
B 26 8 19 27 15 12	0	0	0	0	3	1	0	0	0	0	0	26 19 8 27 12 15 B
B 26 9 18 27 16 11	0	0	0	0	2	3	0	0	0	0	0	26 18 9 27 11 16 B
B 26 10 17 27 17 10	0	0	0	0	1	5	0	0	0	0	0	26 17 10 27 10 17 B
B 26 11 16 27 18 9	0	0	0	0	0	4	2	0	0	0	0	26 16 11 27 9 18 B
B 26 12 15 27 19 8	0	0	0	0	0	2	4	0	0	0	0	26 15 12 27 8 19 B
B 26 13 14 27 20 7	0	0	0	0	0	1	5	0	0	0	0	26 14 13 27 7 20 B
B 26 14 13 27 21 6	0	0	0	0	0	0	3	2	0	0	0	26 13 14 27 6 21 B
B 26 15 12 27 22 5	0	0	0	0	0	0	1	4	0	0	0	26 12 15 27 5 22 B
B 26 16 11 27 23 4	0	0	0	0	0	0	0	4	0	0	0	26 11 16 27 4 23 B
B 26 17 10 27 24 3	0	0	0	0	0	0	0	2	1	0	0	26 10 17 27 3 24 B
B 26 18 9 27 25 2	0	0	0	0	0	0	0	1	2	0	0	26 9 18 27 2 25 B
B 26 19 8 27 26 1	0	0	0	0	0	0	0	0	1	0	0	26 8 19 27 1 26 B
						$\Delta\tau = 15$						
A 26 6 20 27 14 13	0	0	0	0	1	0	0	0	0	0	0	26 20 6 27 13 14 C
A 26 7 19 27 15 12	0	0	0	0	1	0	0	0	0	0	0	26 19 7 27 12 15 C
A 26 8 18 27 16 11	0	0	0	0	1	1	0	0	0	0	0	26 18 8 27 11 16 C
A 26 9 17 27 17 10	0	0	0	0	0	2	0	0	0	0	0	26 17 9 27 10 17 C
A 26 10 16 27 18 9	0	0	0	0	0	2	1	0	0	0	0	26 16 10 27 9 18 C
A 26 11 15 27 19 8	0	0	0	0	0	1	3	0	0	0	0	26 15 11 27 8 19 C
A 26 12 14 27 20 7	0	0	0	0	0	0	3	0	0	0	0	26 14 12 27 7 20 C
A 26 13 13 27 21 6	0	0	0	0	0	0	2	1	0	0	0	26 13 13 27 6 21 C
A 26 14 12 27 22 5	0	0	0	0	0	0	1	3	0	0	0	26 12 14 27 5 22 C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	26	15	11	27	23	4	0	0	0	0	0	0	0	3	0	0	0	26	11	15	27	4	23	C
A	26	16	10	27	24	3	0	0	0	0	0	0	0	2	1	0	0	26	10	16	27	3	24	C
A	26	17	9	27	25	2	0	0	0	0	0	0	0	0	2	0	0	26	9	17	27	2	25	C
A	26	18	8	27	26	1	0	0	0	0	0	0	0	0	1	0	0	26	8	18	27	1	26	C
J=27				ΔJ = 0																				
												Δτ = 1												
A	27	14	14	27	14	13	1425926	1425124	1411982	1362319	1170821	631324	648732	841797	947366	1020460	1043981	27	14	14	27	13	14	C
C	27	14	13	27	15	13	993056	972422	908480	817083	657576	472283	907812	1153467	1212966	1228549	1229497	27	13	14	27	13	15	A
A	27	15	13	27	15	12	1636905	1636223	1625066	1583183	1427073	993483	619215	856425	980094	1064288	1091270	27	13	15	27	12	15	C
C	27	15	12	27	16	12	938492	920327	864141	784365	648830	472422	620946	955350	1027834	1046487	1047619	27	12	15	27	12	16	A
A	27	16	12	27	16	11	1862434	1861853	1852345	1816809	1686905	1362112	658445	857286	1005583	1103682	1134921	27	12	16	27	11	16	C
C	27	16	11	27	17	11	880291	864283	814832	744928	628048	484317	390410	765454	856293	878925	880291	27	11	16	27	11	17	A
A	27	17	11	27	17	10	2102513	2102017	2093906	2063675	1954498	1695788	971372	837365	1022089	1138304	1174934	27	11	17	27	10	17	C
C	27	17	10	27	18	10	818452	804366	760894	699622	598186	477973	322955	577413	697854	725840	727513	27	10	17	27	10	18	A
A	27	18	10	27	18	9	2357143	2356720	2349810	2324107	2232013	2019886	1473419	793853	1026569	1167621	1211310	27	10	18	27	9	18	C
C	27	18	9	27	19	9	752976	740634	702570	649031	560957	458746	327025	380921	551606	587196	589286	27	9	18	27	9	19	A
A	27	19	9	27	19	8	2626323	2625964	2620103	2598333	2520745	2345040	1928114	853726	1013200	1190749	1244048	27	9	19	27	8	19	C
C	27	19	8	27	20	8	683862	673130	640045	593573	517444	430188	322634	230251	415483	462930	465608	27	8	19	27	8	20	A
A	27	20	8	27	20	7	2910053	2909751	2904820	2886520	2821538	2675972	2344054	1292273	971815	1206128	1273148	27	8	20	27	7	20	C
C	27	20	7	27	21	7	611111	601885	573454	533557	468381	394247	305112	185224	283788	352926	356481	27	7	20	27	7	21	A
A	27	21	7	27	21	6	3208333	3208082	3203985	3188791	3134976	3015292	2748341	1971183	947209	1210734	1298611	27	7	21	27	6	21	C
C	27	21	6	27	22	6	534722	526925	502902	469215	414284	352102	278359	180026	162129	256941	261905	27	6	21	27	6	22	A
A	27	22	6	27	22	5	3521164	3520959	3517620	3505242	3461481	3364632	3151505	2574526	1259808	1198092	1320437	27	6	22	27	5	22	C
C	27	22	5	27	23	5	454696	448269	428473	400725	355532	304530	244521	167062	101855	174339	181878	27	5	22	27	5	23	A
A	27	23	5	27	23	4	3848545	3848383	3845740	3835946	3801363	3725087	3558681	3123510	2094577	1157135	1338624	27	5	23	27	4	23	C
C	27	23	4	27	24	4	371032	365933	350229	328223	292412	252075	204830	144862	87683	103119	116402	27	4	23	27	4	24	A
A	27	24	4	27	24	3	4190476	4190354	4188357	4180960	4154862	4097437	3972871	3653224	2964121	1190188	1353175	27	4	24	27	3	24	C
C	27	24	3	27	25	3	283730	279929	268222	251821	225144	195129	160068	115938	74977	47874	65476	27	3	24	27	3	25	A
A	27	25	3	27	25	2	4546958	4546872	4545481	4540329	4522163	4482256	4396016	4177189	3725552	1857262	1364087	27	3	25	27	2	25	C
C	27	25	2	27	26	2	192791	190267	182494	171605	153899	133991	110770	81663	55052	24374	29101	27	2	25	27	2	26	A
A	27	26	2	27	26	1	4917989	4917939	4917121	4914091	4903413	4879978	4829459	4702120	4444535	3355788	1371362	27	2	26	27	1	26	C
C	27	26	1	27	27	1	98214	96955	93077	87645	78814	68888	57318	42842	29685	13685	7275	27	1	26	27	1	27	A
A	27	27	1	27	27	0	5303571	5303554	5303283	5302276	5298728	5290943	5274173	5231992	5147201	4808174	2750000	27	1	27	27	0	27	C
												Δτ = 2												
B	27	13	14	27	14	13	1043981	1067740	1144701	1264540	1506505	2152477	1506505	1264540	1144701	1067740	1043981	27	14	13	27	13	14	B
B	27	14	14	27	15	13	993056	1013912	1081490	1186367	1392925	1653306	1503342	1264539	1144701	1067740	1043981	27	14	14	27	13	15	B
B	27	14	13	27	15	12	993056	1013912	1081490	1186367	1393153	1842204	1655214	1344814	1206681	1118497	1091270	27	13	14	27	12	15	B
B	27	15	13	27	16	12	938492	956862	1016405	1108638	1288266	1551900	1610752	1344800	1206681	1118497	1091270	27	13	15	27	12	16	B
B	27	15	12	27	16	11	938492	956862	1016405	1108638	1288281	1569409	1991070	1429860	1268375	1166400	1134921	27	12	15	27	11	16	B
B	27	16	12	27	17	11	880291	896486	948996	1030249	1187367	1419283	1662847	1429616	1268375	1166400	1134921	27	12	16	27	11	17	B
B	27	16	11	27	17	10	880291	896486	948996	1030249	1187368	1420489	2096481	1525004	1331225	1211773	1174934	27	11	16	27	10	17	B
B	27	17	11	27	18	10	818452	832707	878937	950434	1088084	1288636	1595789	1521427	1331223	1211773	1174934	27	11	17	27	10	18	B
B	27	17	10	27	18	9	818452	832707	878937	950434	1088084	1288718	1687878	1661450	1397548	1255118	1211310	27	10	17	27	9	18	B
B	27	18	10	27	19	9	752976	765469	805991	868643	988944	1162525	1446867	1610186	1397501	1255118	1211310	27	10	18	27	9	19	B
B	27	18	9	27	19	8	752976	765469	805991	868643	988944	1162530	1453240	2007060	1471486	1297249	1244048	27	9	18	27	8	19	B
B	27	19	9	27	20	8	683862	694728	729978	784473	888940	1038761	1282770	1633643	1470603	1297249	1244048	27	9	19	27	8	20	B
B	27	19	8	27	20	7	683862	694728	729978	784473	888940	1038762	1283177	2070119	1565082	1339545	1273148	27	8	19	27	7	20	B
B	27	20	8	27	21	7	611111	620452	650762	697618	787353	915566	1122254	1518450	1550721	1339544	1273148	27	8	20	27	7	21	B
B	27	20	7	27	21	6	611111	620452	650762	697618	787353	915566	1122278	1599549	1786382	1384507	1298611	27	7	20	27	6	21	B
B	27	21	7	27	22	6	534722	542617	568238	607846	683655	791723	964774	1313137	1600020	1384481	1298611	27	7	21	27	6	22	B
B	27	21	6	27	22	5	534722	542617	568238	607846	683655	791723	964776	1317820	2156265	1437258	1320437	27	6	21	27	5	22	B
B	27	22	6	27	23	5	454696	461203	482324	514975	577448	666382	808225	1092362	1506602	1436407	1320437	27	6	22	27	5	23	B
B	27	22	5	27	23	4	454696	461203	482324	514975	577448	666382	808225	1092602	1738753	1516016	1338624	27	5	22	27	4	23	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	27	23	5	27	24	4	371032	376195	392953	418862	468424	538921	651098	874260	1249891	1495346	1338624	27	5	23	27	4	24	B
B	27	23	4	27	24	3	371032	376195	392953	418862	468424	538921	651098	874271	1266025	1800118	1353175	27	4	23	27	3	24	B
B	27	24	4	27	25	3	283730	287580	300074	319391	356342	408876	492361	657780	939673	1485807	1353175	27	4	24	27	3	25	B
B	27	24	3	27	25	2	283730	287580	300074	319391	356342	408876	492361	657780	940261	2157722	1364087	27	3	24	27	2	25	B
B	27	25	3	27	26	2	192791	195347	203644	216472	241009	275886	331275	440805	626822	1188597	1364087	27	3	25	27	2	26	B
B	27	25	2	27	26	1	192791	195347	203644	216472	241009	275886	331275	440805	626838	1350977	1371362	27	2	25	27	1	26	B
B	27	26	2	27	27	1	98214	99490	103629	110029	122271	139670	167294	221877	314412	624658	1371362	27	2	26	27	1	27	B
B	27	26	1	27	27	0	98214	99490	103629	110029	122271	139670	167294	221877	314412	628509	2750000	27	1	26	27	0	27	B
												Δτ = 3												
A	27	13	14	27	15	13	0	117	2028	9256	36828	189447	646124	841796	947366	1020460	1043981	27	14	13	27	13	15	C
C	27	14	14	27	15	12	993056	972422	908480	817083	657382	364955	48999	11873	2588	149	0	27	14	14	27	12	15	A
A	27	14	13	27	16	12	0	91	1586	7215	28302	92435	586494	856411	980094	1064288	1091270	27	13	14	27	12	16	C
C	27	15	13	27	16	11	938492	920327	864141	784365	648818	461709	79391	15290	3308	190	0	27	13	15	27	11	16	A
A	27	15	12	27	17	11	0	71	1235	5603	21761	62378	403894	857049	1005583	1103682	1134921	27	12	15	27	11	17	C
C	27	16	12	27	17	10	880291	864283	814832	744928	628047	483486	172590	19876	4252	243	0	27	12	16	27	10	17	A
A	27	16	11	27	18	10	0	55	954	4318	16649	46617	185223	833935	1022087	1138304	1174934	27	11	16	27	10	18	C
C	27	17	11	27	18	9	818452	804366	760894	699622	598186	477914	285502	26719	5516	314	0	27	11	17	27	9	18	A
A	27	17	10	27	19	9	0	42	727	3288	12611	34841	97279	748476	1026520	1167621	1211310	27	10	17	27	9	19	C
C	27	18	10	27	19	8	752976	740634	702570	649031	560957	458743	323980	44974	7264	410	0	27	10	18	27	8	19	A
A	27	18	9	27	20	8	0	31	545	2463	9406	25730	66892	497463	1012287	1190749	1244048	27	9	18	27	8	20	C
C	27	19	9	27	20	7	683862	673130	640045	593573	517444	430188	322416	101942	9813	546	0	27	9	19	27	7	20	A
A	27	19	8	27	21	7	0	23	399	1802	6860	18627	47457	210878	957254	1206127	1273148	27	8	19	27	7	21	C
C	27	20	8	27	21	6	611111	601885	573454	533557	468381	394247	305099	165328	14880	746	0	27	8	20	27	6	21	A
A	27	20	7	27	22	6	0	16	283	1277	4849	13092	32888	101873	764398	1210707	1298611	27	7	20	27	6	22	C
C	27	21	7	27	22	5	534722	526925	502902	469215	414284	352102	278358	178623	33237	1055	0	27	7	21	27	5	22	A
A	27	21	6	27	23	5	0	11	192	865	3279	8813	21903	62981	361848	1197202	1320437	27	6	21	27	5	23	C
C	27	22	6	27	23	4	454696	448269	428473	400725	355532	304530	244521	166979	71490	1581	0	27	6	22	27	4	23	A
A	27	22	5	27	24	4	0	7	122	549	2077	5563	13713	38438	128246	1135409	1338624	27	5	22	27	4	24	C
C	27	23	5	27	24	3	371032	365933	350229	328223	292412	252075	204830	144858	85320	2922	0	27	5	23	27	3	24	A
A	27	23	4	27	25	3	0	4	70	314	1188	3173	7772	21389	59108	853681	1353175	27	4	23	27	3	25	C
C	27	24	4	27	25	2	283730	279929	268222	251821	225144	195129	160068	115938	74869	8854	0	27	4	24	27	2	25	A
A	27	24	3	27	26	2	0	2	33	150	568	1514	3689	10009	26598	278245	1364087	27	3	24	27	2	26	C
C	27	25	3	27	26	1	192791	190267	182494	171605	153899	133991	110770	81663	55049	18426	0	27	3	25	27	1	26	A
A	27	25	2	27	27	1	0	1	11	48	182	483	1172	3145	8159	46909	1371362	27	2	25	27	1	27	C
C	27	26	2	27	27	0	98214	96955	93077	87645	78814	68888	57318	42842	29685	13509	0	27	2	26	27	0	27	A
												Δτ = 5												
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C	27	13	14	27	16	12	0	17	277	1222	4809	28291	46810	11873	2588	149	0	27	14	13	27	12	16	A
A	27	14	14	27	16	11	0	91	1586	7215	28295	74419	17810	3076	674	40	0	27	14	14	27	11	16	C
C	27	14	13	27	17	11	0	11	179	779	2941	10199	52511	15286	3308	190	0	27	13	14	27	11	17	A
A	27	15	13	27	17	10	0	71	1235	5603	21760	61199	51372	5040	1069	63	0	27	13	15	27	10	17	C
C	27	15	12	27	18	10	0	7	114	496	1819	5187	36363	19807	4252	243	0	27	12	15	27	10	18	A
A	27	16	12	27	18	9	0	55	954	4318	16649	46551	92060	8785	1730	100	0	27	12	16	27	9	18	C
C	27	16	11	27	19	9	0	4	72	312	1123	3009	12929	25422	5516	314	0	27	11	16	27	9	19	A
A	27	17	11	27	19	8	0	42	727	3288	12611	34838	87772	20046	2894	164	0	27	11	17	27	8	19	C
C	27	17	10	27	20	8	0	3	45	193	685	1767	4907	28544	7258	410	0	27	10	17	27	8	20	A
A	27	18	10	27	20	7	0	31	545	2463	9406	25730	66384	61145	5099	278	0	27	10	18	27	7	20	C
C	27	18	9	27	21	7	0	2	27	116	409	1025	2502	18763	9687	546	0	27	9	18	27	7	21	A
A	27	19	9	27	21	6	0	23	399	1802	6860	18627	47432	106230	10540	495	0	27	9	19	27	6	21	C
C	27	19	8	27	22	6	0	1	16	67	235	578	1334	5871	12425	746	0	27	8	19	27	6	22	A
A	27	20	8	27	22	5	0	16	283	1277	4849	13092	32887	92773	33618	940	0	27	8	20	27	5	22	C
C	27	20	7	27	23	5	0	1	9	37	128	310	689	1925	11451	1054	0	27	7	20	27	5	23	A
A	27	21	7	27	23	4	0	11	192	865	3279	8813	21903	62590	91485	1974	0	27	7	21	27	4	23	C
C	27	21	6	27	24	4	0	0	4	19	64	154	333	810	4284	1555	0	27	6	21	27	4	24	A
A	27	22	6	27	24	3	0	7	122	549	2077	5563	13713	38424	96246	5472	0	27	6	22	27	3	24	C

	J	K₋₁	K₊₁	J	K₋₁	K₊₁	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K₋₁	K₊₁	J	K₋₁	K₊₁	
C	27	22	5	27	25	3	0	0	2	8	29	68	144	327	922	2208	0	27	5	22	27	3	25	A
A	27	23	5	27	25	2	0	4	70	314	1188	3173	7772	21388	57839	26674	0	27	5	23	27	2	25	C
C	27	23	4	27	26	2	0	0	1	3	10	24	50	109	235	1812	0	27	4	23	27	2	26	A
A	27	24	4	27	26	1	0	2	33	150	568	1514	3689	10009	26569	72170	0	27	4	24	27	1	26	C
C	27	24	3	27	27	1	0	0	0	1	2	5	11	23	46	290	0	27	3	24	27	1	27	A
A	27	25	3	27	27	0	0	1	11	48	182	483	1172	3145	8159	37689	0	27	3	25	27	0	27	C
												$\Delta\tau$ = 6												
B	27	12	15	27	15	12	0	26	479	2408	12711	102917	12711	2408	479	26	0	27	15	12	27	12	15	B
B	27	13	15	27	16	12	0	17	308	1528	7390	23603	12178	2408	479	26	0	27	15	13	27	12	16	B
B	27	13	14	27	16	11	0	17	308	1528	7414	56054	27576	3847	749	41	0	27	14	13	27	11	16	B
B	27	14	14	27	17	11	0	11	199	974	4528	16850	19059	3847	749	41	0	27	14	14	27	11	17	B
B	27	14	13	27	17	10	0	11	199	974	4529	20536	75873	6309	1188	64	0	27	13	14	27	10	17	B
B	27	15	13	27	18	10	0	7	127	620	2799	10227	23790	6288	1188	64	0	27	13	15	27	10	18	B
B	27	15	12	27	18	9	0	7	127	620	2799	10411	93241	11017	1923	103	0	27	12	15	27	9	18	B
B	27	16	12	27	19	9	0	4	80	390	1728	6020	20352	10510	1923	103	0	27	12	16	27	9	19	B
B	27	16	11	27	19	8	0	4	80	390	1728	6028	37030	25176	3217	168	0	27	11	16	27	8	19	B
B	27	17	11	27	20	8	0	3	50	242	1054	3536	12808	16705	3215	168	0	27	11	17	27	8	20	B
B	27	17	10	27	20	7	0	3	50	242	1054	3536	14089	73078	5673	285	0	27	10	17	27	7	20	B
B	27	18	10	27	21	7	0	2	30	146	629	2051	7113	20503	5603	285	0	27	10	18	27	7	21	B
B	27	18	9	27	21	6	0	2	30	146	629	2051	7164	85030	11744	507	0	27	9	18	27	6	21	B
B	27	19	9	27	22	6	0	1	18	84	361	1156	3812	16191	9900	507	0	27	9	19	27	6	22	B
B	27	19	8	27	22	5	0	1	18	84	361	1156	3814	29394	37155	964	0	27	8	19	27	5	22	B
B	27	20	8	27	23	5	0	1	10	46	197	621	1970	8845	14834	963	0	27	8	20	27	5	23	B
B	27	20	7	27	23	4	0	1	10	46	197	621	1970	9654	85651	2026	0	27	7	20	27	4	23	B
B	27	21	7	27	24	4	0	0	5	23	99	309	953	4032	13796	1992	0	27	7	21	27	4	24	B
B	27	21	6	27	24	3	0	0	5	23	99	309	953	4056	42062	5616	0	27	6	21	27	3	24	B
B	27	22	6	27	25	3	0	0	2	10	44	136	410	1633	7074	4280	0	27	6	22	27	3	25	B
B	27	22	5	27	25	2	0	0	2	10	44	136	410	1633	9241	27115	0	27	5	22	27	2	25	B
B	27	23	5	27	26	2	0	0	1	4	16	48	143	545	2304	6639	0	27	5	23	27	2	26	B
B	27	23	4	27	26	1	0	0	1	4	16	48	143	545	2352	59810	0	27	4	23	27	1	26	B
B	27	24	4	27	27	1	0	0	0	1	4	11	32	116	458	3527	0	27	4	24	27	1	27	B
B	27	24	3	27	27	0	0	0	0	1	4	11	32	116	459	11541	0	27	3	24	27	0	27	B
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C	27	13	15	27	16	11	0	17	277	1222	4794	11178	848	31	1	0	0	27	15	13	27	11	16	A
A	27	13	14	27	17	11	0	0	0	8	144	3004	12178	3075	674	40	0	27	14	13	27	11	17	C
C	27	14	14	27	17	10	0	11	179	779	2940	8332	3173	63	3	0	0	27	14	14	27	10	17	A
A	27	14	13	27	18	10	0	0	0	4	71	832	14062	5023	1069	63	0	27	13	14	27	10	18	C
C	27	15	13	27	18	9	0	7	114	496	1819	5094	7016	138	5	0	0	27	13	15	27	9	18	A
A	27	15	12	27	19	9	0	0	0	2	35	331	8148	8376	1730	100	0	27	12	15	27	9	19	C
C	27	16	12	27	19	8	0	4	72	312	1123	3005	6920	404	11	0	0	27	12	16	27	8	19	A
A	27	16	11	27	20	8	0	0	0	1	18	151	2188	13169	2892	164	0	27	11	16	27	8	20	C
C	27	17	11	27	20	7	0	3	45	193	685	1766	4453	1622	25	0	0	27	11	17	27	7	20	A
A	27	17	10	27	21	7	0	0	0	1	9	70	624	14966	5036	278	0	27	10	17	27	7	21	C
C	27	18	10	27	21	6	0	2	27	116	409	1025	2484	3526	67	0	0	27	10	18	27	6	21	A
A	27	18	9	27	22	6	0	0	0	0	4	32	240	7844	8871	495	0	27	9	18	27	6	22	C
C	27	19	9	27	22	5	0	1	16	67	235	578	1333	3167	287	0	0	27	9	19	27	5	22	A
A	27	19	8	27	23	5	0	0	0	0	2	14	96	1736	12982	939	0	27	8	19	27	5	23	C
C	27	20	8	27	23	4	0	1	9	37	128	310	689	1762	1061	1	0	27	8	20	27	4	23	A
A	27	20	7	27	24	4	0	0	0	0	1	5	36	392	10021	1942	0	27	7	20	27	4	24	C
C	27	21	7	27	24	3	0	0	4	19	64	154	333	805	1320	4	0	27	7	21	27	3	24	A
A	27	21	6	27	25	3	0	0	0	0	0	2	12	110	2428	4167	0	27	6	21	27	3	25	C
C	27	22	6	27	25	2	0	0	2	8	29	68	144	326	704	32	0	27	6	22	27	2	25	A
A	27	22	5	27	26	2	0	0	0	0	0	1	3	27	294	6350	0	27	5	22	27	2	26	C
C	27	23	5	27	26	1	0	0	1	3	10	24	50	109	230	134	0	27	5	23	27	1	26	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	27	23	4	27	27	1	0	0	0	0	0	0	1	4	33	2726	0	27	4	23	27	1	27	C
C	27	24	4	27	27	0	0	0	0	1	2	5	11	23	46	87	0	27	4	24	27	0	27	A
												Δτ = 9												
A	27	12	16	27	16	11	0	0	1	16	294	1475	109	4	0	0	0	27	16	12	27	11	16	C
C	27	12	15	27	17	11	0	0	0	2	32	917	583	31	1	0	0	27	15	12	27	11	17	A
A	27	13	15	27	17	10	0	0	0	8	143	1221	518	10	0	0	0	27	15	13	27	10	17	C
C	27	13	14	27	18	10	0	0	0	1	12	244	921	63	3	0	0	27	14	13	27	10	18	A
A	27	14	14	27	18	9	0	0	0	4	71	681	1469	27	1	0	0	27	14	14	27	9	18	C
C	27	14	13	27	19	9	0	0	0	0	5	53	894	131	5	0	0	27	13	14	27	9	19	A
A	27	15	13	27	19	8	0	0	0	2	35	325	1772	101	3	0	0	27	13	15	27	8	19	C
C	27	15	12	27	20	8	0	0	0	0	2	17	397	267	11	0	0	27	12	15	27	8	20	A
A	27	16	12	27	20	7	0	0	0	1	18	151	1185	521	8	0	0	27	12	16	27	7	20	C
C	27	16	11	27	21	7	0	0	0	0	1	6	80	422	25	0	0	27	11	16	27	7	21	A
A	27	17	11	27	21	6	0	0	0	1	9	70	567	1474	26	0	0	27	11	17	27	6	21	C
C	27	17	10	27	22	6	0	0	0	0	0	2	17	384	56	0	0	27	10	17	27	6	22	A
A	27	18	10	27	22	5	0	0	0	0	4	32	239	1644	147	0	0	27	10	18	27	5	22	C
C	27	18	9	27	23	5	0	0	0	0	0	1	5	144	113	0	0	27	9	18	27	5	23	A
A	27	19	9	27	23	4	0	0	0	0	2	14	96	945	729	1	0	27	9	19	27	4	23	C
C	27	19	8	27	24	4	0	0	0	0	0	0	1	22	138	1	0	27	8	19	27	4	24	A
A	27	20	8	27	24	3	0	0	0	0	1	5	36	359	1220	4	0	27	8	20	27	3	24	C
C	27	20	7	27	25	3	0	0	0	0	0	0	0	3	70	3	0	27	7	20	27	3	25	A
A	27	21	7	27	25	2	0	0	0	0	0	2	12	109	770	40	0	27	7	21	27	2	25	C
C	27	21	6	27	26	2	0	0	0	0	0	0	0	1	10	8	0	27	6	21	27	2	26	A
A	27	22	6	27	26	1	0	0	0	0	0	1	3	27	225	247	0	27	6	22	27	1	26	C
C	27	22	5	27	27	1	0	0	0	0	0	0	0	0	1	6	0	27	5	22	27	1	27	A
A	27	23	5	27	27	0	0	0	0	0	0	0	1	4	32	244	0	27	5	23	27	0	27	C
												Δτ = 10												
B	27	11	16	27	16	11	0	0	0	5	168	2823	168	5	0	0	0	27	16	11	27	11	16	B
B	27	12	16	27	17	11	0	0	0	2	47	323	115	5	0	0	0	27	16	12	27	11	17	B
B	27	12	15	27	17	10	0	0	0	2	49	1827	797	13	0	0	0	27	15	12	27	10	17	B
B	27	13	15	27	18	10	0	0	0	1	18	199	233	13	0	0	0	27	15	13	27	10	18	B
B	27	13	14	27	18	9	0	0	0	1	18	488	2240	34	1	0	0	27	14	13	27	9	18	B
B	27	14	14	27	19	9	0	0	0	0	7	87	313	33	1	0	0	27	14	14	27	9	19	B
B	27	14	13	27	19	8	0	0	0	0	7	106	2504	126	3	0	0	27	13	14	27	8	19	B
B	27	15	13	27	20	8	0	0	0	0	3	33	251	83	3	0	0	27	13	15	27	8	20	B
B	27	15	12	27	20	7	0	0	0	0	3	33	1131	651	9	0	0	27	12	15	27	7	20	B
B	27	16	12	27	21	7	0	0	0	0	1	12	125	171	9	0	0	27	12	16	27	7	21	B
B	27	16	11	27	21	6	0	0	0	0	1	12	230	1827	29	0	0	27	11	16	27	6	21	B
B	27	17	11	27	22	6	0	0	0	0	0	4	45	218	25	0	0	27	11	17	27	6	22	B
B	27	17	10	27	22	5	0	0	0	0	0	4	50	1890	164	0	0	27	10	17	27	5	22	B
B	27	18	10	27	23	5	0	0	0	0	0	2	14	153	64	0	0	27	10	18	27	5	23	B
B	27	18	9	27	23	4	0	0	0	0	0	2	14	720	809	1	0	27	9	18	27	4	23	B
B	27	19	9	27	24	4	0	0	0	0	0	0	4	60	108	1	0	27	9	19	27	4	24	B
B	27	19	8	27	24	3	0	0	0	0	0	0	4	110	1324	4	0	27	8	19	27	3	24	B
B	27	20	8	27	25	3	0	0	0	0	0	0	1	15	88	3	0	27	8	20	27	3	25	B
B	27	20	7	27	25	2	0	0	0	0	0	0	1	17	693	41	0	27	7	20	27	2	25	B
B	27	21	7	27	26	2	0	0	0	0	0	0	0	3	30	10	0	27	7	21	27	2	26	B
B	27	21	6	27	26	1	0	0	0	0	0	0	0	3	96	253	0	27	6	21	27	1	26	B
B	27	22	6	27	27	1	0	0	0	0	0	0	0	0	4	12	0	27	6	22	27	1	27	B
B	27	22	5	27	27	0	0	0	0	0	0	0	0	0	5	246	0	27	5	22	27	0	27	B
												Δτ = 11												
A	27	11	16	27	17	11	0	0	0	0	3	154	75	4	0	0	0	27	16	11	27	11	17	C
C	27	12	16	27	17	10	0	0	0	2	30	160	19	0	0	0	0	27	16	12	27	10	17	A
A	27	12	15	27	18	10	0	0	0	0	1	74	152	10	0	0	0	27	15	12	27	10	18	C
C	27	13	15	27	18	9	0	0	0	1	12	100	69	0	0	0	0	27	15	13	27	9	18	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	27	13	14	27	19	9	0	0	0	0	0	16	201	26	1	0	0	27	14	13	27	9	19	C
C	27	14	14	27	19	8	0	0	0	0	5	43	107	1	0	0	0	27	14	14	27	8	19	A
A	27	14	13	27	20	8	0	0	0	0	0	3	150	67	3	0	0	27	13	14	27	8	20	C
C	27	15	13	27	20	7	0	0	0	0	2	16	88	8	0	0	0	27	13	15	27	7	20	A
A	27	15	12	27	21	7	0	0	0	0	0	1	50	136	8	0	0	27	12	15	27	7	21	C
C	27	16	12	27	21	6	0	0	0	0	1	6	44	30	0	0	0	27	12	16	27	6	21	A
A	27	16	11	27	22	6	0	0	0	0	0	0	8	173	22	0	0	27	11	16	27	6	22	C
C	27	17	11	27	22	5	0	0	0	0	0	2	16	43	1	0	0	27	11	17	27	5	22	A
A	27	17	10	27	23	5	0	0	0	0	0	0	1	113	58	0	0	27	10	17	27	5	23	C
C	27	18	10	27	23	4	0	0	0	0	0	1	5	31	5	0	0	27	10	18	27	4	23	A
A	27	18	9	27	24	4	0	0	0	0	0	0	0	29	97	1	0	27	9	18	27	4	24	C
C	27	19	9	27	24	3	0	0	0	0	0	0	1	12	10	0	0	27	9	19	27	3	24	A
A	27	19	8	27	25	3	0	0	0	0	0	0	0	3	77	3	0	27	8	19	27	3	25	C
C	27	20	8	27	25	2	0	0	0	0	0	0	0	3	9	0	0	27	8	20	27	2	25	A
A	27	20	7	27	26	2	0	0	0	0	0	0	0	0	22	10	0	27	7	20	27	2	26	C
C	27	21	7	27	26	1	0	0	0	0	0	0	0	1	3	0	0	27	7	21	27	1	26	A
A	27	21	6	27	27	1	0	0	0	0	0	0	0	0	1	12	0	27	6	21	27	1	27	C
												$\Delta\tau = 13$												
A	27	11	17	27	17	10	0	0	0	0	2	17	2	0	0	0	0	27	17	11	27	10	17	C
C	27	11	16	27	18	10	0	0	0	0	0	13	6	0	0	0	0	27	16	11	27	10	18	A
A	27	12	16	27	18	9	0	0	0	0	1	13	9	0	0	0	0	27	16	12	27	9	18	C
C	27	12	15	27	19	9	0	0	0	0	0	5	10	0	0	0	0	27	15	12	27	9	19	A
A	27	13	15	27	19	8	0	0	0	0	0	6	17	0	0	0	0	27	15	13	27	8	19	C
C	27	13	14	27	20	8	0	0	0	0	0	1	10	1	0	0	0	27	14	13	27	8	20	A
A	27	14	14	27	20	7	0	0	0	0	0	2	18	2	0	0	0	27	14	14	27	7	20	C
C	27	14	13	27	21	7	0	0	0	0	0	0	6	2	0	0	0	27	13	14	27	7	21	A
A	27	15	13	27	21	6	0	0	0	0	0	1	11	7	0	0	0	27	13	15	27	6	21	C
C	27	15	12	27	22	6	0	0	0	0	0	0	1	3	0	0	0	27	12	15	27	6	22	A
A	27	16	12	27	22	5	0	0	0	0	0	0	4	14	0	0	0	27	12	16	27	5	22	C
C	27	16	11	27	23	5	0	0	0	0	0	0	0	3	0	0	0	27	11	16	27	5	23	A
A	27	17	11	27	23	4	0	0	0	0	0	0	1	13	2	0	0	27	11	17	27	4	23	C
C	27	17	10	27	24	4	0	0	0	0	0	0	0	1	1	0	0	27	10	17	27	4	24	A
A	27	18	10	27	24	3	0	0	0	0	0	0	0	6	5	0	0	27	10	18	27	3	24	C
C	27	18	9	27	25	3	0	0	0	0	0	0	0	0	1	0	0	27	9	18	27	3	25	A
A	27	19	9	27	25	2	0	0	0	0	0	0	0	2	6	0	0	27	9	19	27	2	25	C
A	27	20	8	27	26	1	0	0	0	0	0	0	0	0	3	0	0	27	8	20	27	1	26	C
												$\Delta\tau = 14$												
B	27	10	17	27	17	10	0	0	0	0	3	33	3	0	0	0	0	27	17	10	27	10	17	B
B	27	11	17	27	18	10	0	0	0	0	0	3	1	0	0	0	0	27	17	11	27	10	18	B
B	27	11	16	27	18	9	0	0	0	0	0	25	14	0	0	0	0	27	16	11	27	9	18	B
B	27	12	16	27	19	9	0	0	0	0	0	2	2	0	0	0	0	27	16	12	27	9	19	B
B	27	12	15	27	19	8	0	0	0	0	0	9	27	0	0	0	0	27	15	12	27	8	19	B
B	27	13	15	27	20	8	0	0	0	0	0	1	2	0	0	0	0	27	15	13	27	8	20	B
B	27	13	14	27	20	7	0	0	0	0	0	2	28	2	0	0	0	27	14	13	27	7	20	B
B	27	14	14	27	21	7	0	0	0	0	0	0	2	1	0	0	0	27	14	14	27	7	21	B
B	27	14	13	27	21	6	0	0	0	0	0	0	16	9	0	0	0	27	13	14	27	6	21	B
B	27	15	13	27	22	6	0	0	0	0	0	0	1	1	0	0	0	27	13	15	27	6	22	B
B	27	15	12	27	22	5	0	0	0	0	0	0	4	17	0	0	0	27	12	15	27	5	22	B
B	27	16	12	27	23	5	0	0	0	0	0	0	0	1	0	0	0	27	12	16	27	5	23	B
B	27	16	11	27	23	4	0	0	0	0	0	0	0	16	2	0	0	27	11	16	27	4	23	B
B	27	17	11	27	24	4	0	0	0	0	0	0	0	1	0	0	0	27	11	17	27	4	24	B
B	27	17	10	27	24	3	0	0	0	0	0	0	0	7	6	0	0	27	10	17	27	3	24	B
B	27	18	9	27	25	2	0	0	0	0	0	0	0	1	7	0	0	27	9	18	27	2	25	B
B	27	19	8	27	26	1	0	0	0	0	0	0	0	0	3	0	0	27	8	19	27	1	26	B
												$\Delta\tau = 15$												

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	κ 0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	27	10	17	27	18	10	0	0	0	0	0	1	1	0	0	0	0	27	17	10	27	10	18	C
C	27	11	17	27	18	9	0	0	0	0	0	1	0	0	0	0	0	27	17	11	27	9	18	A
A	27	11	16	27	19	9	0	0	0	0	0	1	1	0	0	0	0	27	16	11	27	9	19	C
C	27	12	16	27	19	8	0	0	0	0	0	1	1	0	0	0	0	27	16	12	27	8	19	A
A	27	12	15	27	20	8	0	0	0	0	0	0	2	0	0	0	0	27	15	12	27	8	20	C
C	27	13	15	27	20	7	0	0	0	0	0	0	1	0	0	0	0	27	15	13	27	7	20	A
A	27	13	14	27	21	7	0	0	0	0	0	0	1	0	0	0	0	27	14	13	27	7	21	C
C	27	14	14	27	21	6	0	0	0	0	0	0	1	0	0	0	0	27	14	14	27	6	21	A
A	27	14	13	27	22	6	0	0	0	0	0	0	1	1	0	0	0	27	13	14	27	6	22	C
A	27	15	12	27	23	5	0	0	0	0	0	0	0	1	0	0	0	27	12	15	27	5	23	C
A	27	16	11	27	24	4	0	0	0	0	0	0	0	1	0	0	0	27	11	16	27	4	24	C

J=27 $\Delta J = 1$

$\Delta\tau = 0$

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	27	14	13	28	15	14	1612500	1588813	1510900	1386320	1124102	686510	961899	1278796	1422087	1510667	1537500	27	13	14	28	14	15	B
B	27	15	12	28	16	13	1689286	1668347	1599662	1490720	1268030	882398	774376	1166005	1332599	1433786	1464286	27	12	15	28	13	16	B
B	27	16	11	28	17	12	1767857	1749360	1688810	1593328	1401739	1092408	657093	1044150	1241492	1357992	1392857	27	11	16	28	12	17	B
B	27	17	10	28	18	11	1848214	1831917	1778655	1695028	1529312	1273088	775209	905848	1147268	1283022	1323214	27	10	17	28	11	18	B
B	27	18	9	28	19	10	1930357	1916067	1869427	1796438	1653072	1437079	1034652	746364	1047344	1208471	1255357	27	9	18	28	10	19	B
B	27	19	8	28	20	9	2014286	2001848	1961299	1898006	1774479	1591472	1270785	669439	936826	1133686	1189286	27	8	19	28	9	20	B
B	27	20	7	28	21	8	2100000	2089291	2054405	2000063	1894517	1739932	1478255	851736	807013	1057535	1125000	27	7	20	28	8	21	B
B	27	21	6	28	22	7	2187500	2178416	2148848	2102864	2013882	1884617	1670335	1183974	689297	977880	1062500	27	6	21	28	7	22	B
B	27	22	5	28	23	6	2276786	2269244	2244711	2206608	2133088	2026922	1853319	1481579	787974	890248	1001786	27	5	22	28	6	23	B
B	27	23	4	28	24	5	2367857	2361789	2342059	2311450	2252523	2167812	2030579	1745830	1181420	787132	942857	27	4	23	28	5	24	B
B	27	24	3	28	25	4	2460714	2456063	2440946	2417515	2372489	2307981	2204165	1992729	1603354	730933	885714	27	3	24	28	4	25	B
B	27	25	2	28	26	3	2555357	2552076	2541416	2524906	2493224	2447951	2375435	2229471	1971033	1026887	830357	27	2	25	28	3	26	B
B	27	26	1	28	27	2	2651786	2649836	2643505	2633705	2614919	2588125	2545347	2459871	2311498	1750144	776786	27	1	26	28	2	27	B
B	27	27	0	28	28	1	2750000	2749351	2747244	2743982	2737731	2728819	2714601	2686251	2637330	2460551	1450000	27	0	27	28	1	28	B

$\Delta\tau = 1$

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	27	0	27	28	1	27	1450000	414445	268817	229913	210249	202377	198712	197040	196565	196436	196429	27	27	0	28	27	1	A
C	27	1	27	28	2	27	776786	412985	268817	229913	210249	202377	198712	197040	196565	196436	196429	27	27	1	28	27	2	A
C	27	1	26	28	2	26	776786	853103	527967	451482	412851	397393	390198	386914	385981	385730	385714	27	26	1	28	26	2	A
C	27	2	26	28	3	26	830357	782369	527963	451482	412851	397393	390198	386914	385981	385730	385714	27	26	2	28	26	3	A
C	27	2	25	28	3	25	830357	1327298	777865	664785	607817	585049	574456	569623	568250	567880	567857	27	25	2	28	25	3	A
C	27	3	25	28	4	25	885714	1007047	777711	664785	607817	585049	574456	569623	568250	567880	567857	27	25	3	28	25	4	A
C	27	3	24	28	4	24	885714	1202275	1020803	869969	795166	765348	751488	745166	743371	742887	742857	27	24	3	28	24	4	A
C	27	4	24	28	5	24	942857	1074381	1015955	869967	795166	765348	751488	745166	743371	742887	742857	27	24	4	28	24	5	A
C	27	4	23	28	5	23	942857	1088623	1308310	1067298	974931	938295	921293	913544	911345	910751	910714	27	23	4	28	23	5	A
C	27	5	23	28	6	23	1001786	1104219	1220487	1067256	974931	938295	921293	913544	911345	910751	910714	27	23	5	28	23	6	A
C	27	5	22	28	6	22	1001786	1104856	1587255	1257364	1147174	1103897	1083873	1074756	1072170	1071471	1071429	27	22	5	28	22	6	A
C	27	6	22	28	7	22	1062500	1142499	1339779	1256380	1147174	1103897	1083873	1074756	1072170	1071471	1071429	27	22	6	28	22	7	A
C	27	6	21	28	7	21	1062500	1142520	1466229	1451946	1312001	1262170	1239228	1228802	1225847	1225049	1225000	27	21	6	28	21	7	A
C	27	7	21	28	8	21	1125000	1189680	1381009	1430452	1311999	1262170	1239228	1228802	1225847	1225049	1225000	27	21	7	28	21	8	A
C	27	7	20	28	8	20	1125000	1189680	1392315	1716145	1469596	1413139	1387362	1375683	1372376	1371483	1371429	27	20	7	28	20	8	A
C	27	8	20	28	9	20	1189286	1243028	1405871	1560049	1469550	1413139	1387362	1375683	1372376	1371483	1371429	27	20	8	28	20	9	A
C	27	8	19	28	9	19	1189286	1243028	1406645	1782954	1620374	1556848	1528277	1515398	1511757	1510774	1510714	27	19	8	28	19	9	A
C	27	9	19	28	10	19	1255357	1300916	1439145	1621388	1619493	1556848	1528277	1515398	1511757	1510774	1510714	27	19	9	28	19	10	A
C	27	9	18	28	10	18	1255357	1300916	1439190	1660620	1773651	1693376	1661982	1647946	1643989	1642922	1642857	27	18	9	28	18	10	A
C	27	10	18	28	11	18	1323214	1362411	1481417	1647879	1756421	1693371	1661982	1647946	1643989	1642922	1642857	27	18	10	28	18	11	A
C	27	10	17	28	11	17	1323214	1362411	1481419	1651083	1979795	1822845	1788492	1773329	1769073	1767927	1767857	27	17	10	28	17	11	A
C	27	11	17	28	12	17	1392857	1426948	1530583	1675466	1859286	1822758	1788492	1773329	1769073	1767927	1767857	27	17	11	28	17	12	A
C	27	11	16	28	12	16	1392857	1426948	1530583	1675714	2037777	1945825	1907830	1891546	1887008	1885789	1885714	27	16	11	28	16	12	A
C	27	12	16	28	13	16	1464286	1494166	1585140	1711757	1911946	1944179	1907829	1891546	1887008	1885789	1885714	27	16	12	28	16	13	A
C	27	12	15	28	13	15	1464286	1494166	1585140	1711773	1945523	2078409	2020036	2002598	1997795	1996507	1996429	27	15	12	28	15	13	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	27	13	15	28	14	15	1537500	1563828	1644105	1755585	1938723	2050644	2020029	2002598	1997795	1996507	1996429	27	15	13	28	15	14	A
C	27	13	14	28	14	14	1537500	1563828	1644105	1755586	1941664	2236805	2125166	2106488	2101431	2100082	2100000	27	14	13	28	14	14	A
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B	27	7	21	28	8	20	1125000	1057534	794800	184515	94640	73981	62939	56024	52682	50619	50000	27	21	7	28	20	8	B
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B	27	24	4	28	25	3	2460714	2456063	2440946	2417515	2372489	2307981	2204165	1992728	1602021	529717	535714	27	4	24	28	3	25	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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A	27	3	25	28	5	24	0	1606	5339	5975	6962	7895	8780	9628	10176	10581	10714	27	25	3	28	24	5	C
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A	27	4	24	28	6	23	0	1188	9112	10270	11742	13229	14668	16060	16966	17636	17857	27	24	4	28	23	6	C
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	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
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B	27	2	25	28	5	24	0	19076	51653	29498	19765	15732	13478	12021	11301	10851	10714	27	25	2	28	24	5	B
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B	27	4	23	28	7	22	0	1651	79630	76373	50056	39497	33723	30044	28243	27124	26786	27	23	4	28	22	7	B
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B	27	8	19	28	11	18	0	189	3569	26149	148202	118936	100934	89836	84549	81321	80357	27	19	8	28	18	11	B
B	27	9	18	28	12	17	0	126	2334	12766	149918	144848	123059	109594	103227	99363	98214	27	18	9	28	17	12	B
B	27	10	17	28	13	16	0	86	1580	8121	89126	171454	147066	131171	123694	119190	117857	27	17	10	28	16	13	B
B	27	11	16	28	14	15	0	60	1096	5490	35150	189873	172610	154457	145904	140789	139286	27	16	11	28	15	14	B
B	27	12	15	28	15	14	0	43	774	3815	18540	162881	198852	179275	169782	164145	162500	27	15	12	28	14	15	B
B	27	13	14	28	16	13	0	30	553	2696	12298	79571	222562	205327	195217	189230	187500	27	14	13	28	13	16	B
B	27	14	13	28	17	12	0	22	397	1925	8526	33801	226580	232062	222028	216004	214286	27	13	14	28	12	17	B
B	27	15	12	28	18	11	0	16	286	1380	5999	20185	161775	258275	249920	244406	242857	27	12	15	28	11	18	B
B	27	16	11	28	19	10	0	11	206	989	4243	13687	68300	279940	278376	274333	273214	27	11	16	28	10	19	B
B	27	17	10	28	20	9	0	8	147	705	2995	9430	31957	276686	306400	305617	305357	27	10	17	28	9	20	B
B	27	18	9	28	21	8	0	6	104	496	2094	6487	19999	189871	331551	337961	339286	27	9	18	28	8	21	B
B	27	19	8	28	22	7	0	4	72	343	1440	4408	13150	75297	343715	370809	375000	27	8	19	28	7	22	B
B	27	20	7	28	23	6	0	3	48	230	964	2925	8542	33174	293293	403012	412500	27	7	20	28	6	23	B
B	27	21	6	28	24	5	0	2	31	148	619	1868	5374	19035	137050	431602	451786	27	6	21	28	5	24	B
B	27	22	5	28	25	4	0	1	19	90	374	1124	3196	10937	45230	442656	492857	27	5	22	28	4	25	B
B	27	23	4	28	26	3	0	1	10	49	205	613	1729	5779	19512	351884	535714	27	4	23	28	3	26	B
B	27	24	3	28	27	2	0	0	5	23	94	280	786	2584	8331	113468	580357	27	3	24	28	2	27	B
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C	27	1	27	28	4	25	0	2258	351	108	36	14	5	1	0	0	0	27	27	1	28	25	4	A
C	27	1	26	28	4	24	0	36189	1695	482	154	60	22	6	1	0	0	27	26	1	28	24	4	A
C	27	2	26	28	5	24	0	4524	1676	482	154	60	22	6	1	0	0	27	26	2	28	24	5	A
C	27	2	25	28	5	23	0	18377	5894	1371	421	161	58	15	3	0	0	27	25	2	28	23	5	A
C	27	3	25	28	6	23	0	3149	4968	1370	421	161	58	15	3	0	0	27	25	3	28	23	6	A
C	27	3	24	28	6	22	0	4130	23973	3194	926	347	125	33	7	0	0	27	24	3	28	22	6	A
C	27	4	24	28	7	22	0	1584	9863	3185	926	347	125	33	7	0	0	27	24	4	28	22	7	A
C	27	4	23	28	7	21	0	1610	55964	6868	1805	661	236	61	13	1	0	27	23	4	28	21	7	A
C	27	5	23	28	8	21	0	828	11383	6592	1805	661	236	61	13	1	0	27	23	5	28	21	8	A
C	27	5	22	28	8	20	0	828	28206	17196	3266	1160	409	105	23	1	0	27	22	5	28	20	8	A
C	27	6	22	28	9	20	0	472	8294	11837	3266	1160	409	105	23	1	0	27	22	6	28	20	9	A
C	27	6	21	28	9	19	0	472	9833	49646	5665	1926	668	171	38	2	0	27	21	6	28	19	9	A
C	27	7	21	28	10	19	0	288	5128	15766	5651	1926	668	171	38	2	0	27	21	7	28	19	10	A
C	27	7	20	28	10	18	0	288	5192	53219	9799	3082	1047	266	58	3	0	27	20	7	28	18	10	A
C	27	8	20	28	11	18	0	184	3213	14105	9465	3082	1047	266	58	3	0	27	20	8	28	18	11	A
C	27	8	19	28	11	17	0	184	3216	21152	20105	4826	1593	400	88	5	0	27	19	8	28	17	11	A
C	27	9	19	28	12	17	0	123	2102	9824	14649	4824	1593	400	88	5	0	27	19	9	28	17	12	A
C	27	9	18	28	12	16	0	123	2102	10295	49969	7504	2375	588	128	7	0	27	18	9	28	16	12	A
C	27	10	18	28	13	16	0	84	1423	6502	18121	7467	2375	588	128	7	0	27	18	10	28	16	13	A
C	27	10	17	28	13	15	0	84	1423	6523	53535	12116	3497	848	184	11	0	27	17	10	28	15	13	A
C	27	11	17	28	14	15	0	59	987	4401	16214	11374	3497	848	184	11	0	27	17	11	28	15	14	A
C	27	11	16	28	14	14	0	59	987	4402	23282	24884	5133	1211	261	15	0	27	16	11	28	14	14	A
C	27	12	16	28	15	14	0	41	697	3056	11705	15844	5130	1211	261	15	0	27	16	12	28	14	15	A
C	27	12	15	28	15	13	0	41	697	3056	12212	52273	7609	1717	367	21	0	27	15	12	28	13	15	A

$J\ K_{-1}\ K_{+1}$ — $J\ K_{-1}\ K_{+1}$	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	$J\ K_{-1}\ K_{+1}$ — $J\ K_{-1}\ K_{+1}$
C 27 13 15 28 16 13	0	30	497	2159	8026	17373	7541	1717	367	21	0	27 15 13 28 13 16 A
C 27 13 14 28 16 12	0	30	497	2159	8051	39142	12184	2433	513	29	0	27 14 13 28 12 16 A
C 27 14 14 28 17 12	0	21	358	1541	5563	14277	10906	2433	513	29	0	27 14 14 28 12 17 A
C 27 14 13 28 17 11	0	21	358	1541	5564	17323	25982	3467	716	41	0	27 13 14 28 11 17 A
C 27 15 13 28 18 11	0	15	258	1105	3908	10059	14029	3465	716	41	0	27 13 15 28 11 18 A
C 27 15 12 28 18 10	0	15	258	1105	3908	10238	43583	5026	1005	57	0	27 12 15 28 10 18 A
C 27 16 12 28 19 10	0	11	185	791	2762	6889	13812	4990	1005	57	0	27 12 16 28 10 19 A
C 27 16 11 28 19 9	0	11	185	791	2762	6898	24332	7856	1423	79	0	27 11 16 28 9 19 A
C 27 17 11 28 20 9	0	8	132	564	1948	4736	10447	7140	1423	79	0	27 11 17 28 9 20 A
C 27 17 10 28 20 8	0	8	132	564	1948	4736	11466	16480	2052	112	0	27 10 17 28 8 20 A
C 27 18 10 28 21 8	0	6	93	397	1362	3252	7044	9135	2049	112	0	27 10 18 28 8 21 A
C 27 18 9 28 21 7	0	6	93	397	1362	3252	7093	28390	3069	161	0	27 9 18 28 7 21 A
C 27 19 9 28 22 7	0	4	65	274	936	2208	4633	8772	3003	161	0	27 9 19 28 7 22 A
C 27 19 8 28 22 6	0	4	65	274	936	2208	4636	15333	5477	238	0	27 8 19 28 6 22 A
C 27 20 8 28 23 6	0	3	43	184	627	1464	3002	6243	4250	238	0	27 8 20 28 6 23 A
C 27 20 7 28 23 5	0	3	43	184	627	1464	3002	6797	12974	364	0	27 7 20 28 5 23 A
C 27 21 7 28 24 5	0	2	28	119	403	935	1885	3830	4788	364	0	27 7 21 28 5 24 A
C 27 21 6 28 24 4	0	2	28	119	403	935	1885	3852	12681	593	0	27 6 21 28 4 24 A
C 27 22 6 28 25 4	0	1	17	72	243	562	1120	2199	3585	580	0	27 6 22 28 4 25 A
C 27 22 5 28 25 3	0	1	17	72	243	562	1120	2200	4633	1238	0	27 5 22 28 3 25 A
C 27 23 5 28 26 3	0	1	9	39	133	306	605	1159	1934	892	0	27 5 23 28 3 26 A
C 27 23 4 28 26 2	0	1	9	39	133	306	605	1159	1974	3613	0	27 4 23 28 2 26 A
C 27 24 4 28 27 2	0	0	4	18	61	140	275	517	836	911	0	27 4 24 28 2 27 A
C 27 24 3 28 27 1	0	0	4	18	61	140	275	517	836	2646	0	27 3 24 28 1 27 A
C 27 25 3 28 28 1	0	0	1	6	19	43	84	156	245	372	0	27 3 25 28 1 28 A
C 27 25 2 28 28 0	0	0	1	6	19	43	84	156	245	458	0	27 2 25 28 0 28 A
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B 27 1 27 28 4 24	0	1731	29	6	1	0	0	0	0	0	0	27 27 1 28 24 4 B
B 27 2 26 28 5 23	0	4518	232	35	8	2	1	0	0	0	0	27 26 2 28 23 5 B
B 27 3 25 28 6 22	0	3222	1702	135	28	8	3	1	0	0	0	27 25 3 28 22 6 B
B 27 4 24 28 7 21	0	1624	7995	435	78	23	7	2	0	0	0	27 24 4 28 21 7 B
B 27 5 23 28 8 20	0	849	12066	1580	194	55	17	4	1	0	0	27 23 5 28 20 8 B
B 27 6 22 28 9 19	0	484	9140	7052	449	119	35	8	2	0	0	27 22 6 28 19 9 B
B 27 7 21 28 10 18	0	295	5682	16679	1024	244	70	16	3	0	0	27 21 7 28 18 10 B
B 27 8 20 28 11 17	0	189	3566	17094	2789	484	133	29	6	0	0	27 20 8 28 17 11 B
B 27 9 19 28 12 16	0	126	2334	12169	10084	951	245	53	11	1	0	27 19 9 28 16 12 B
B 27 10 18 28 13 15	0	86	1580	8094	22686	1952	446	94	19	1	0	27 18 10 28 15 13 B
B 27 11 17 28 14 14	0	60	1096	5489	23857	5246	809	163	33	2	0	27 17 11 28 14 14 B
B 27 12 16 28 15 13	0	43	774	3815	17744	17033	1494	282	56	3	0	27 16 12 28 13 15 B
B 27 13 15 28 16 12	0	30	553	2696	12259	29903	3027	490	95	5	0	27 15 13 28 12 16 B
B 27 14 14 28 17 11	0	22	397	1925	8524	27492	8611	862	162	9	0	27 14 14 28 11 17 B
B 27 15 13 28 18 10	0	16	286	1380	5998	19817	25185	1562	280	15	0	27 13 15 28 10 18 B
B 27 16 12 28 19 9	0	11	206	989	4243	13669	35445	3115	493	26	0	27 12 16 28 9 19 B
B 27 17 11 28 20 8	0	8	147	705	2995	9429	28940	8839	899	46	0	27 11 17 28 8 20 B
B 27 18 10 28 21 7	0	6	104	496	2094	6487	19852	27353	1737	84	0	27 10 18 28 7 21 B
B 27 19 9 28 22 6	0	4	72	343	1440	4408	13143	39169	4159	162	0	27 9 19 28 6 22 B
B 27 20 8 28 23 5	0	3	48	230	964	2925	8542	30287	15164	331	0	27 8 20 28 5 23 B
B 27 21 7 28 24 4	0	2	31	148	619	1868	5374	18920	36977	754	0	27 7 21 28 4 24 B
B 27 22 6 28 25 3	0	1	19	90	374	1124	3196	10933	34165	2338	0	27 6 22 28 3 25 B
B 27 23 5 28 26 2	0	1	10	49	205	613	1729	5779	19099	12300	0	27 5 23 28 2 26 B
B 27 24 4 28 27 1	0	0	5	23	94	280	786	2584	8322	30322	0	27 4 24 28 1 27 B
B 27 25 3 28 28 0	0	0	1	7	29	86	240	779	2445	14661	0	27 3 25 28 0 28 B
						$\Delta\tau$ = 7						
A 27 0 27 28 4 24	0	43	3	1	0	0	0	0	0	0	0	27 27 0 28 24 4 C
A 27 1 27 28 5 24	0	4	3	1	0	0	0	0	0	0	0	27 27 1 28 24 5 C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	27	1	26	28	5	23	0	92	23	7	3	1	1	0	0	0	0	27	26	1	28	23	5	C
A	27	2	26	28	6	23	0	6	20	7	3	1	1	0	0	0	0	27	26	2	28	23	6	C
A	27	2	25	28	6	22	0	24	170	27	10	4	2	0	0	0	0	27	25	2	28	22	6	C
A	27	3	25	28	7	22	0	3	68	27	10	4	2	0	0	0	0	27	25	3	28	22	7	C
A	27	3	24	28	7	21	0	4	773	87	27	12	5	1	0	0	0	27	24	3	28	21	7	C
A	27	4	24	28	8	21	0	1	120	84	27	12	5	1	0	0	0	27	24	4	28	21	8	C
A	27	4	23	28	8	20	0	1	873	316	68	27	11	3	1	0	0	27	23	4	28	20	8	C
A	27	5	23	28	9	20	0	0	105	216	68	27	11	3	1	0	0	27	23	5	28	20	9	C
A	27	5	22	28	9	19	0	0	267	1397	157	60	23	6	1	0	0	27	22	5	28	19	9	C
A	27	6	22	28	10	19	0	0	57	401	157	60	23	6	1	0	0	27	22	6	28	19	10	C
A	27	6	21	28	10	18	0	0	68	2925	359	122	45	13	3	0	0	27	21	6	28	18	10	C
A	27	7	21	28	11	18	0	0	27	448	346	122	45	13	3	0	0	27	21	7	28	18	11	C
A	27	7	20	28	11	17	0	0	28	1685	977	242	86	23	5	0	0	27	20	7	28	17	11	C
A	27	8	20	28	12	17	0	0	14	311	705	242	86	23	5	0	0	27	20	8	28	17	12	C
A	27	8	19	28	12	16	0	0	14	471	3493	476	159	42	10	1	0	27	19	8	28	16	12	C
A	27	9	19	28	13	16	0	0	7	170	1137	473	159	42	10	1	0	27	19	9	28	16	13	C
A	27	9	18	28	13	15	0	0	7	178	6881	977	290	75	17	1	0	27	18	9	28	15	13	C
A	27	10	18	28	14	15	0	0	4	90	1213	916	290	75	17	1	0	27	18	10	28	15	14	C
A	27	10	17	28	14	14	0	0	4	90	4058	2627	526	130	29	2	0	27	17	10	28	14	14	C
A	27	11	17	28	15	14	0	0	2	49	860	1636	526	130	29	2	0	27	17	11	28	14	15	C
A	27	11	16	28	15	13	0	0	2	49	1249	8289	972	226	50	3	0	27	16	11	28	13	15	C
A	27	12	16	28	16	13	0	0	1	28	491	2254	963	226	50	3	0	27	16	12	28	13	16	C
A	27	12	15	28	16	12	0	0	1	28	513	11461	1971	392	85	5	0	27	15	12	28	12	16	C
A	27	13	15	28	17	12	0	0	1	16	270	2066	1759	392	85	5	0	27	15	13	28	12	17	C
A	27	13	14	28	17	11	0	0	1	16	271	5008	5598	690	146	9	0	27	14	13	28	11	17	C
A	27	14	14	28	18	11	0	0	0	10	152	1336	2886	689	146	9	0	27	14	14	28	11	18	C
A	27	14	13	28	18	10	0	0	0	10	152	1630	15395	1250	252	15	0	27	13	14	28	10	18	C
A	27	15	13	28	19	10	0	0	0	6	87	742	3477	1241	252	15	0	27	13	15	28	10	19	C
A	27	15	12	28	19	9	0	0	0	6	87	755	14678	2497	444	25	0	27	12	15	28	9	19	C
A	27	16	12	28	20	9	0	0	0	3	50	404	2748	2263	444	25	0	27	12	16	28	9	20	C
A	27	16	11	28	20	8	0	0	0	3	50	405	5039	7075	809	45	0	27	11	16	28	8	20	C
A	27	17	11	28	21	8	0	0	0	2	29	222	1596	3750	808	45	0	27	11	17	28	8	21	C
A	27	17	10	28	21	7	0	0	0	2	29	222	1757	20619	1565	82	0	27	10	17	28	7	21	C
A	27	18	10	28	22	7	0	0	0	1	16	121	826	4476	1531	82	0	27	10	18	28	7	22	C
A	27	18	9	28	22	6	0	0	0	1	16	121	832	19606	3749	158	0	27	9	18	28	6	22	C
A	27	19	9	28	23	6	0	0	0	1	9	64	416	3315	2881	158	0	27	9	19	28	6	23	C
A	27	19	8	28	23	5	0	0	0	1	9	64	417	6048	13515	323	0	27	8	19	28	5	23	C
A	27	20	8	28	24	5	0	0	0	0	5	33	204	1698	4352	323	0	27	8	20	28	5	24	C
A	27	20	7	28	24	4	0	0	0	0	5	33	204	1853	27684	735	0	27	7	20	28	4	24	C
A	27	21	7	28	25	4	0	0	0	0	2	16	94	731	3876	718	0	27	7	21	28	4	25	C
A	27	21	6	28	25	3	0	0	0	0	2	16	94	736	11957	2280	0	27	6	21	28	3	25	C
A	27	22	6	28	26	3	0	0	0	0	1	7	39	282	1882	1629	0	27	6	22	28	3	26	C
A	27	22	5	28	26	2	0	0	0	0	1	7	39	282	2459	11870	0	27	5	22	28	2	26	C
A	27	23	5	28	27	2	0	0	0	0	0	2	13	90	583	2535	0	27	5	23	28	2	27	C
A	27	23	4	28	27	1	0	0	0	0	0	2	13	90	596	23794	0	27	4	23	28	1	27	C
A	27	24	4	28	28	1	0	0	0	0	0	0	3	18	111	1299	0	27	4	24	28	1	28	C
A	27	24	3	28	28	0	0	0	0	0	0	0	3	18	111	4260	0	27	3	24	28	0	28	C
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B	27	1	26	28	6	23	0	191	195	35	8	2	1	0	0	0	0	27	26	1	28	23	6	B
B	27	2	25	28	7	22	0	34	679	134	28	8	3	1	0	0	0	27	25	2	28	22	7	B
B	27	3	24	28	8	21	0	4	1153	417	78	23	7	2	0	0	0	27	24	3	28	21	8	B
B	27	4	23	28	9	20	0	1	753	1077	194	55	17	4	1	0	0	27	23	4	28	20	9	B
B	27	5	22	28	10	19	0	0	167	1968	448	119	35	8	2	0	0	27	22	5	28	19	10	B
B	27	6	21	28	11	18	0	0	33	1938	988	244	70	16	3	0	0	27	21	6	28	18	11	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	27	7	20	28	12	17	0	0	11	759	2008	484	133	29	6	0	0	27	20	7	28	17	12	B
B	27	8	19	28	13	16	0	0	4	163	3173	946	245	53	11	1	0	27	19	8	28	16	13	B
B	27	9	18	28	14	15	0	0	2	49	2939	1829	446	94	19	1	0	27	18	9	28	15	14	B
B	27	10	17	28	15	14	0	0	1	20	1173	3249	809	163	33	2	0	27	17	10	28	14	15	B
B	27	11	16	28	16	13	0	0	0	9	280	4296	1481	282	56	3	0	27	16	11	28	13	16	B
B	27	12	15	28	17	12	0	0	0	4	92	3081	2698	490	95	5	0	27	15	12	28	12	17	B
B	27	13	14	28	18	11	0	0	0	2	39	956	4381	861	162	9	0	27	14	13	28	11	18	B
B	27	14	13	28	19	10	0	0	0	1	18	242	4890	1550	280	15	0	27	13	14	28	10	19	B
B	27	15	12	28	20	9	0	0	0	0	8	89	2615	2822	493	26	0	27	12	15	28	9	20	B
B	27	16	11	28	21	8	0	0	0	0	4	38	647	4631	897	46	0	27	11	16	28	8	21	B
B	27	17	10	28	22	7	0	0	0	0	2	17	172	5123	1699	84	0	27	10	17	28	7	22	B
B	27	18	9	28	23	6	0	0	0	0	1	7	62	2515	3190	162	0	27	9	18	28	6	23	B
B	27	19	8	28	24	5	0	0	0	0	0	3	23	521	4710	331	0	27	8	19	28	5	24	B
B	27	20	7	28	25	4	0	0	0	0	0	1	8	111	3482	737	0	27	7	20	28	4	25	B
B	27	21	6	28	26	3	0	0	0	0	0	0	3	30	798	1669	0	27	6	21	28	3	26	B
B	27	22	5	28	27	2	0	0	0	0	0	0	1	7	92	2551	0	27	5	22	28	2	27	B
B	27	23	4	28	28	1	0	0	0	0	0	0	0	1	10	1056	0	27	4	23	28	1	28	B
												$\Delta\tau$ = 9												
C	27	0	27	28	5	23	0	167	3	0	0	0	0	0	0	0	0	27	27	0	28	23	5	A
C	27	1	27	28	6	23	0	9	3	0	0	0	0	0	0	0	0	27	27	1	28	23	6	A
C	27	1	26	28	6	22	0	186	54	2	0	0	0	0	0	0	0	27	26	1	28	22	6	A
C	27	2	26	28	7	22	0	8	22	2	0	0	0	0	0	0	0	27	26	2	28	22	7	A
C	27	2	25	28	7	21	0	33	449	12	1	0	0	0	0	0	0	27	25	2	28	21	7	A
C	27	3	25	28	8	21	0	3	67	11	1	0	0	0	0	0	0	27	25	3	28	21	8	A
C	27	3	24	28	8	20	0	4	998	64	4	0	0	0	0	0	0	27	24	3	28	20	8	A
C	27	4	24	28	9	20	0	1	90	44	4	0	0	0	0	0	0	27	24	4	28	20	9	A
C	27	4	23	28	9	19	0	1	676	415	11	1	0	0	0	0	0	27	23	4	28	19	9	A
C	27	5	23	28	10	19	0	0	59	117	11	1	0	0	0	0	0	27	23	5	28	19	10	A
C	27	5	22	28	10	18	0	0	150	1352	34	4	0	0	0	0	0	27	22	5	28	18	10	A
C	27	6	22	28	11	18	0	0	25	183	33	4	0	0	0	0	0	27	22	6	28	18	11	A
C	27	6	21	28	11	17	0	0	29	1523	124	10	1	0	0	0	0	27	21	6	28	17	11	A
C	27	7	21	28	12	17	0	0	9	159	89	10	1	0	0	0	0	27	21	7	28	17	12	A
C	27	7	20	28	12	16	0	0	9	606	593	24	3	0	0	0	0	27	20	7	28	16	12	A
C	27	8	20	28	13	16	0	0	4	86	190	24	3	0	0	0	0	27	20	8	28	16	13	A
C	27	8	19	28	13	15	0	0	4	131	1718	62	6	0	0	0	0	27	19	8	28	15	13	A
C	27	9	19	28	14	15	0	0	2	37	265	58	6	0	0	0	0	27	19	9	28	15	14	A
C	27	9	18	28	14	14	0	0	2	39	1866	214	13	1	0	0	0	27	18	9	28	14	14	A
C	27	10	18	28	15	14	0	0	1	16	224	133	13	1	0	0	0	27	18	10	28	14	15	A
C	27	10	17	28	15	13	0	0	1	16	762	894	29	2	0	0	0	27	17	10	28	13	15	A
C	27	11	17	28	16	13	0	0	0	7	125	235	29	2	0	0	0	27	17	11	28	13	16	A
C	27	11	16	28	16	12	0	0	0	7	182	1906	73	3	0	0	0	27	16	11	28	12	16	A
C	27	12	16	28	17	12	0	0	0	3	57	271	65	3	0	0	0	27	16	12	28	12	17	A
C	27	12	15	28	17	11	0	0	0	3	60	1520	266	7	0	0	0	27	15	12	28	11	17	A
C	27	13	15	28	18	11	0	0	0	2	26	195	136	7	0	0	0	27	15	13	28	11	18	A
C	27	13	14	28	18	10	0	0	0	2	26	478	994	16	1	0	0	27	14	13	28	10	18	A
C	27	14	14	28	19	10	0	0	0	1	12	99	210	15	1	0	0	27	14	14	28	10	19	A
C	27	14	13	28	19	9	0	0	0	1	12	121	1591	39	1	0	0	27	13	14	28	9	19	A
C	27	15	13	28	20	9	0	0	0	0	5	44	203	35	1	0	0	27	13	15	28	9	20	A
C	27	15	12	28	20	8	0	0	0	0	5	44	909	142	3	0	0	27	12	15	28	8	20	A
C	27	16	12	28	21	8	0	0	0	0	3	19	123	75	3	0	0	27	12	16	28	8	21	A
C	27	16	11	28	21	7	0	0	0	0	3	19	226	573	8	0	0	27	11	16	28	7	21	A
C	27	17	11	28	22	7	0	0	0	0	1	8	55	116	7	0	0	27	11	17	28	7	22	A
C	27	17	10	28	22	6	0	0	0	0	1	8	60	948	24	0	0	27	10	17	28	6	22	A
C	27	18	10	28	23	6	0	0	0	0	1	4	22	107	18	0	0	27	10	18	28	6	23	A
C	27	18	9	28	23	5	0	0	0	0	1	4	22	500	116	0	0	27	9	18	28	5	23	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓ 1.0	$\mp .95$	$\mp .8$	$\mp .6$	$\mp .3$	κ 0	$\pm .3$	$\pm .6$	$\pm .8$	$\pm .95$	± 1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	27	19	9	28	24	5	0	0	0	0	0	1	8	57	37	0	0	27	9	19	28	5	24	A
C	27	19	8	28	24	4	0	0	0	0	0	1	8	104	376	0	0	27	8	19	28	4	24	A
C	27	20	8	28	25	4	0	0	0	0	0	1	3	20	44	0	0	27	8	20	28	4	25	A
C	27	20	7	28	25	3	0	0	0	0	0	1	3	22	340	2	0	27	7	20	28	3	25	A
C	27	21	7	28	26	3	0	0	0	0	0	0	1	6	25	1	0	27	7	21	28	3	26	A
C	27	21	6	28	26	2	0	0	0	0	0	0	1	6	80	15	0	27	6	21	28	2	26	A
C	27	22	6	28	27	2	0	0	0	0	0	0	0	1	7	3	0	27	6	22	28	2	27	A
C	27	22	5	28	27	1	0	0	0	0	0	0	0	1	9	54	0	27	5	22	28	1	27	A
C	27	23	5	28	28	1	0	0	0	0	0	0	0	0	1	2	0	27	5	23	28	1	28	A
C	27	23	4	28	28	0	0	0	0	0	0	0	0	0	1	26	0	27	4	23	28	0	28	A
												$\Delta\tau = 10$												
B	27	1	27	28	6	22	0	9	1	0	0	0	0	0	0	0	0	27	27	1	28	22	6	B
B	27	2	26	28	7	21	0	8	18	0	0	0	0	0	0	0	0	27	26	2	28	21	7	B
B	27	3	25	28	8	20	0	3	72	3	0	0	0	0	0	0	0	27	25	3	28	20	8	B
B	27	4	24	28	9	19	0	1	100	26	0	0	0	0	0	0	0	27	24	4	28	19	9	B
B	27	5	23	28	10	18	0	0	65	126	2	0	0	0	0	0	0	27	23	5	28	18	10	B
B	27	6	22	28	11	17	0	0	28	225	10	1	0	0	0	0	0	27	22	6	28	17	11	B
B	27	7	21	28	12	16	0	0	10	198	62	2	0	0	0	0	0	27	21	7	28	16	12	B
B	27	8	20	28	13	15	0	0	4	108	243	6	0	0	0	0	0	27	20	8	28	15	13	B
B	27	9	19	28	14	14	0	0	2	47	397	27	1	0	0	0	0	27	19	9	28	14	14	B
B	27	10	18	28	15	13	0	0	1	20	343	146	4	0	0	0	0	27	18	10	28	13	15	B
B	27	11	17	28	16	12	0	0	0	9	192	416	12	0	0	0	0	27	17	11	28	12	16	B
B	27	12	16	28	17	11	0	0	0	4	88	534	53	1	0	0	0	27	16	12	28	11	17	B
B	27	13	15	28	18	10	0	0	0	2	39	389	251	3	0	0	0	27	15	13	28	10	18	B
B	27	14	14	28	19	9	0	0	0	1	18	198	556	10	0	0	0	27	14	14	28	9	19	B
B	27	15	13	28	20	8	0	0	0	0	8	87	575	45	1	0	0	27	13	15	28	8	20	B
B	27	16	12	28	21	7	0	0	0	0	4	38	351	231	3	0	0	27	12	16	28	7	21	B
B	27	17	11	28	22	6	0	0	0	0	2	17	156	537	10	0	0	27	11	17	28	6	22	B
B	27	18	10	28	23	5	0	0	0	0	1	7	62	531	66	0	0	27	10	18	28	5	23	B
B	27	19	9	28	24	4	0	0	0	0	0	3	23	284	293	0	0	27	9	19	28	4	24	B
B	27	20	8	28	25	3	0	0	0	0	0	1	8	102	430	2	0	27	8	20	28	3	25	B
B	27	21	7	28	26	2	0	0	0	0	0	0	3	29	253	19	0	27	7	21	28	2	26	B
B	27	22	6	28	27	1	0	0	0	0	0	0	1	7	70	104	0	27	6	22	28	1	27	B
B	27	23	5	28	28	0	0	0	0	0	0	0	0	1	10	95	0	27	5	23	28	0	28	B
												$\Delta\tau = 11$												
A	27	1	26	28	7	21	0	0	2	0	0	0	0	0	0	0	0	27	26	1	28	21	7	C
A	27	2	25	28	8	20	0	0	7	1	0	0	0	0	0	0	0	27	25	2	28	20	8	C
A	27	3	25	28	9	20	0	0	1	0	0	0	0	0	0	0	0	27	25	3	28	20	9	C
A	27	3	24	28	9	19	0	0	10	5	0	0	0	0	0	0	0	27	24	3	28	19	9	C
A	27	4	24	28	10	19	0	0	1	1	0	0	0	0	0	0	0	27	24	4	28	19	10	C
A	27	4	23	28	10	18	0	0	5	25	1	0	0	0	0	0	0	27	23	4	28	18	10	C
A	27	5	23	28	11	18	0	0	0	3	1	0	0	0	0	0	0	27	23	5	28	18	11	C
A	27	5	22	28	11	17	0	0	1	44	3	0	0	0	0	0	0	27	22	5	28	17	11	C
A	27	6	22	28	12	17	0	0	0	4	2	0	0	0	0	0	0	27	22	6	28	17	12	C
A	27	6	21	28	12	16	0	0	0	34	22	1	0	0	0	0	0	27	21	6	28	16	12	C
A	27	7	21	28	13	16	0	0	0	3	7	1	0	0	0	0	0	27	21	7	28	16	13	C
A	27	7	20	28	13	15	0	0	0	11	85	3	0	0	0	0	0	27	20	7	28	15	13	C
A	27	8	20	28	14	15	0	0	0	1	13	3	0	0	0	0	0	27	20	8	28	15	14	C
A	27	8	19	28	14	14	0	0	0	2	136	14	1	0	0	0	0	27	19	8	28	14	14	C
A	27	9	19	28	15	14	0	0	0	0	14	8	1	0	0	0	0	27	19	9	28	14	15	C
A	27	9	18	28	15	13	0	0	0	0	102	73	2	0	0	0	0	27	18	9	28	13	15	C
A	27	10	18	28	16	13	0	0	0	0	9	19	2	0	0	0	0	27	18	10	28	13	16	C
A	27	10	17	28	16	12	0	0	0	0	32	207	8	0	0	0	0	27	17	10	28	12	16	C
A	27	11	17	28	17	12	0	0	0	0	4	28	7	0	0	0	0	27	17	11	28	12	17	C
A	27	11	16	28	17	11	0	0	0	0	6	255	34	1	0	0	0	27	16	11	28	11	17	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	27	12	16	28	18	11	0	0	0	0	2	26	17	1	0	0	0	27	16	12	28	11	18	C
A	27	12	15	28	18	10	0	0	0	0	2	146	163	3	0	0	0	27	15	12	28	10	18	C
A	27	13	15	28	19	10	0	0	0	0	1	14	34	2	0	0	0	27	15	13	28	10	19	C
A	27	13	14	28	19	9	0	0	0	0	1	35	358	8	0	0	0	27	14	13	28	9	19	C
A	27	14	14	28	20	9	0	0	0	0	0	6	42	7	0	0	0	27	14	14	28	9	20	C
A	27	14	13	28	20	8	0	0	0	0	0	7	343	36	1	0	0	27	13	14	28	8	20	C
A	27	15	13	28	21	8	0	0	0	0	0	2	31	19	1	0	0	27	13	15	28	8	21	C
A	27	15	12	28	21	7	0	0	0	0	0	2	141	185	2	0	0	27	12	15	28	7	21	C
A	27	16	12	28	22	7	0	0	0	0	0	1	14	37	2	0	0	27	12	16	28	7	22	C
A	27	16	11	28	22	6	0	0	0	0	0	1	27	425	9	0	0	27	11	16	28	6	22	C
A	27	17	11	28	23	6	C	0	0	0	0	0	5	45	7	0	0	27	11	17	28	6	23	C
A	27	17	10	28	23	5	0	0	0	0	0	0	5	390	60	0	0	27	10	17	28	5	23	C
A	27	18	10	28	24	5	0	0	0	0	0	0	1	29	19	0	0	27	10	18	28	5	24	C
A	27	18	9	28	24	4	0	0	0	0	0	0	1	138	263	0	0	27	9	18	28	4	24	C
A	27	19	9	28	25	4	0	0	0	0	0	0	0	11	30	0	0	27	9	19	28	4	25	C
A	27	19	8	28	25	3	0	0	0	0	0	0	0	20	378	2	0	27	8	19	28	3	25	C
A	27	20	8	28	26	3	0	0	0	0	0	0	0	3	23	1	0	27	8	20	28	3	26	C
A	27	20	7	28	26	2	0	0	0	0	0	0	0	3	185	18	0	27	7	20	28	2	26	C
A	27	21	7	28	27	2	0	0	0	0	0	0	0	0	8	4	0	27	7	21	28	2	27	C
A	27	21	6	28	27	1	0	0	0	0	0	0	0	0	24	101	0	27	6	21	28	1	27	C
A	27	22	6	28	28	1	0	0	0	0	0	0	0	0	1	4	0	27	6	22	28	1	28	C
A	27	22	5	28	28	0	0	0	0	0	0	0	0	0	1	91	0	27	5	22	28	0	28	C
												$\Delta\tau = 12$												
B	27	1	26	28	8	21	0	0	3	0	0	0	0	0	0	0	0	27	26	1	28	21	8	B
B	27	2	25	28	9	20	0	0	6	2	0	0	0	0	0	0	0	27	25	2	28	20	9	B
B	27	3	24	28	10	19	0	0	6	7	0	0	0	0	0	0	0	27	24	3	28	19	10	B
B	27	4	23	28	11	18	0	0	2	17	2	0	0	0	0	0	0	27	23	4	28	18	11	B
B	27	5	22	28	12	17	0	0	0	20	7	1	0	0	0	0	0	27	22	5	28	17	12	B
B	27	6	21	28	13	16	0	0	0	12	20	2	0	0	0	0	0	27	21	6	28	16	13	B
B	27	7	20	28	14	15	0	0	0	3	37	6	0	0	0	0	0	27	20	7	28	15	14	B
B	27	8	19	28	15	14	0	0	0	0	40	17	1	0	0	0	0	27	19	8	28	14	15	B
B	27	9	18	28	16	13	0	0	0	0	23	38	4	0	0	0	0	27	18	9	28	13	16	B
B	27	10	17	28	17	12	0	0	0	0	6	56	10	0	0	0	0	27	17	10	28	12	17	B
B	27	11	16	28	18	11	0	0	0	0	1	49	27	1	0	0	0	27	16	11	28	11	18	B
B	27	12	15	28	19	10	0	0	0	0	0	22	53	3	0	0	0	27	15	12	28	10	19	B
B	27	13	14	28	20	9	0	0	0	0	0	4	65	9	0	0	0	27	14	13	28	9	20	B
B	27	14	13	28	21	8	0	0	0	0	0	1	44	23	1	0	0	27	13	14	28	8	21	B
B	27	15	12	28	22	7	0	0	0	0	0	0	14	47	3	0	0	27	12	15	28	7	22	B
B	27	16	11	28	23	6	0	0	0	0	0	0	2	55	8	0	0	27	11	16	28	6	23	B
B	27	17	10	28	24	5	0	0	0	0	0	0	0	34	21	0	0	27	10	17	28	5	24	B
B	27	18	9	28	25	4	0	0	0	0	0	0	0	8	34	0	0	27	9	18	28	4	25	B
B	27	19	8	28	26	3	0	0	0	0	0	0	0	1	25	1	0	27	8	19	28	3	26	B
B	27	20	7	28	27	2	0	0	0	0	0	0	0	0	7	4	0	27	7	20	28	2	27	B
B	27	21	6	28	28	1	0	0	0	0	0	0	0	0	0	5	0	27	6	21	28	1	28	B
												$\Delta\tau = 13$												
C	27	1	26	28	8	20	0	0	2	0	0	0	0	0	0	0	0	27	26	1	28	20	8	A
C	27	2	25	28	9	19	0	0	6	1	0	0	0	0	0	0	0	27	25	2	28	19	9	A
C	27	3	24	28	10	18	0	0	5	5	0	0	0	0	0	0	0	27	24	3	28	18	10	A
C	27	4	24	28	11	18	0	0	0	1	0	0	0	0	0	0	0	27	24	4	28	18	11	A
C	27	4	23	28	11	17	0	0	2	13	0	0	0	0	0	0	0	27	23	4	28	17	11	A
C	27	5	23	28	12	17	0	0	0	1	0	0	0	0	0	0	0	27	23	5	28	17	12	A
C	27	5	22	28	12	16	0	0	0	16	2	0	0	0	0	0	0	27	22	5	28	16	12	A
C	27	6	22	28	13	16	0	0	0	1	1	0	0	0	0	0	0	27	22	6	28	16	13	A
C	27	6	21	28	13	15	0	0	0	10	11	0	0	0	0	0	0	27	21	6	28	15	13	A
C	27	7	21	28	14	15	0	0	0	1	2	0	0	0	0	0	0	27	21	7	28	15	14	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ											J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
							∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0							
C	27	7	20	28	14	14	0	0	0	2	23	1	0	0	0	0	0	27	20	7	28	14	14	A
C	27	8	20	28	15	14	0	0	0	0	2	0	0	0	0	0	0	27	20	8	28	14	15	A
C	27	8	19	28	15	13	0	0	0	0	26	5	0	0	0	0	0	27	19	8	28	13	15	A
C	27	9	19	28	16	13	0	0	0	0	2	1	0	0	0	0	0	27	19	9	28	13	16	A
C	27	9	18	28	16	12	0	0	0	0	15	17	0	0	0	0	0	27	18	9	28	12	16	A
C	27	10	18	28	17	12	0	0	0	0	1	2	0	0	0	0	0	27	18	10	28	12	17	A
C	27	10	17	28	17	11	0	0	0	0	4	28	1	0	0	0	0	27	17	10	28	11	17	A
C	27	11	17	28	18	11	0	0	0	0	0	3	1	0	0	0	0	27	17	11	28	11	18	A
C	27	11	16	28	18	10	0	0	0	0	1	24	6	0	0	0	0	27	16	11	28	10	18	A
C	27	12	16	28	19	10	0	0	0	0	0	2	1	0	0	0	0	27	16	12	28	10	19	A
C	27	12	15	28	19	9	0	0	0	0	0	11	17	0	0	0	0	27	15	12	28	9	19	A
C	27	13	15	28	20	9	0	0	0	0	0	1	2	0	0	0	0	27	15	13	28	9	20	A
C	27	13	14	28	20	8	0	0	0	0	0	2	22	0	0	0	0	27	14	13	28	8	20	A
C	27	14	14	28	21	8	0	0	0	0	0	0	2	0	0	0	0	27	14	14	28	8	21	A
C	27	14	13	28	21	7	0	0	0	0	0	0	15	3	0	0	0	27	13	14	28	7	21	A
C	27	15	13	28	22	7	0	0	0	0	0	0	1	1	0	0	0	27	13	15	28	7	22	A
C	27	15	12	28	22	6	0	0	0	0	0	0	5	9	0	0	0	27	12	15	28	6	22	A
C	27	16	12	28	23	6	0	0	0	0	0	0	0	1	0	0	0	27	12	16	28	6	23	A
C	27	16	11	28	23	5	0	0	0	0	0	0	1	11	0	0	0	27	11	16	28	5	23	A
C	27	17	11	28	24	5	0	0	0	0	0	0	0	1	0	0	0	27	11	17	28	5	24	A
C	27	17	10	28	24	4	0	0	0	0	0	0	0	7	2	0	0	27	10	17	28	4	24	A
C	27	18	9	28	25	3	0	0	0	0	0	0	0	2	3	0	0	27	9	18	28	3	25	A
C	27	19	8	28	26	2	0	0	0	0	0	0	0	0	3	0	0	27	8	19	28	2	26	A
C	27	20	7	28	27	1	0	0	0	0	0	0	0	0	1	0	0	27	7	20	28	1	27	A
												$\Delta\tau = 14$												
B	27	4	24	28	11	17	0	0	0	1	0	0	0	0	0	0	0	27	24	4	28	17	11	B
B	27	5	23	28	12	16	0	0	0	1	0	0	0	0	0	0	0	27	23	5	28	16	12	B
B	27	6	22	28	13	15	0	0	0	1	1	0	0	0	0	0	0	27	22	6	28	15	13	B
B	27	7	21	28	14	14	0	0	0	1	2	0	0	0	0	0	0	27	21	7	28	14	14	B
B	27	8	20	28	15	13	0	0	0	0	4	0	0	0	0	0	0	27	20	8	28	13	15	B
B	27	9	19	28	16	12	0	0	0	0	3	2	0	0	0	0	0	27	19	9	28	12	16	B
B	27	10	18	28	17	11	0	0	0	0	2	5	0	0	0	0	0	27	18	10	28	11	17	B
B	27	11	17	28	18	10	0	0	0	0	1	5	1	0	0	0	0	27	17	11	28	10	18	B
B	27	12	16	28	19	9	0	0	0	0	0	4	3	0	0	0	0	27	16	12	28	9	19	B
B	27	13	15	28	20	8	0	0	0	0	0	2	6	0	0	0	0	27	15	13	28	8	20	B
B	27	14	14	28	21	7	0	0	0	0	0	1	5	1	0	0	0	27	14	14	28	7	21	B
B	27	15	13	28	22	6	0	0	0	0	0	0	3	3	0	0	0	27	13	15	28	6	22	B
B	27	16	12	28	23	5	0	0	0	0	0	0	1	4	0	0	0	27	12	16	28	5	23	B
B	27	17	11	28	24	4	0	0	0	0	0	0	0	4	1	0	0	27	11	17	28	4	24	B
B	27	18	10	28	25	3	0	0	0	0	0	0	0	2	2	0	0	27	10	18	28	3	25	B
B	27	19	9	28	26	2	0	0	0	0	0	0	0	0	2	0	0	27	9	19	28	2	26	B
B	27	20	8	28	27	1	0	0	0	0	0	0	0	0	1	0	0	27	8	20	28	1	27	B
												$\Delta\tau = 15$												
A	27	6	21	28	14	14	0	0	0	0	1	0	0	0	0	0	0	27	21	6	28	14	14	C
A	27	7	20	28	15	13	0	0	0	0	1	0	0	0	0	0	0	27	20	7	28	13	15	C
A	27	8	19	28	16	12	0	0	0	0	1	1	0	0	0	0	0	27	19	8	28	12	16	C
A	27	9	18	28	17	11	0	0	0	0	1	2	0	0	0	0	0	27	18	9	28	11	17	C
A	27	10	17	28	18	10	0	0	0	0	0	3	1	0	0	0	0	27	17	10	28	10	18	C
A	27	11	16	28	19	9	0	0	0	0	0	2	2	0	0	0	0	27	16	11	28	9	19	C
A	27	12	15	28	20	8	0	0	0	0	0	1	4	0	0	0	0	27	15	12	28	8	20	C
A	27	13	14	28	21	7	0	0	0	0	0	0	3	1	0	0	0	27	14	13	28	7	21	C
A	27	14	13	28	22	6	0	0	0	0	0	0	2	2	0	0	0	27	13	14	28	6	22	C
A	27	15	12	28	23	5	0	0	0	0	0	0	0	4	0	0	0	27	12	15	28	5	23	C
A	27	16	11	28	24	4	0	0	0	0	0	0	0	3	1	0	0	27	11	16	28	4	24	C
A	27	17	10	28	25	3	0	0	0	0	0	0	0	1	2	0	0	27	10	17	28	3	25	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	27	18	9	28	26	2	0	0	0	0	0	0	0	0	2	0	0	27	9	18	28	2	26	C
A	27	19	8	28	27	1	0	0	0	0	0	0	0	0	1	0	0	27	8	19	28	1	27	C
J=28			ΔJ = 0																					
												Δτ = 1												
C	28	14	14	28	15	14	1056466	1033624	962751	860988	679780	536270	1082141	1304079	1360179	1374961	1375862	28	14	14	28	14	15	A
A	28	15	14	28	15	13	1579433	1578665	1566078	1518686	1339440	815986	659303	881113	998726	1079616	1105603	28	14	15	28	13	15	C
C	28	15	13	28	16	13	1003818	983649	921207	832265	679270	478564	809117	1100563	1167778	1185267	1186330	28	13	15	28	13	16	A
A	28	16	13	28	16	12	1797044	1796386	1785617	1745279	1596434	1204988	633272	890129	1028329	1121456	1151232	28	13	16	28	12	16	C
C	28	16	12	28	17	12	947660	929811	874636	796464	664700	497303	522247	906569	988664	1009571	1010837	28	12	16	28	12	17	A
A	28	17	12	28	17	11	2028695	2028130	2018894	1984417	1859109	1554325	764452	883475	1050325	1158893	1193350	28	12	17	28	11	17	C
C	28	17	11	28	18	11	887993	872197	823424	754569	639958	501434	355967	718796	822503	847859	849384	28	11	17	28	11	18	A
A	28	18	11	28	18	10	2274384	2273899	2265977	2236474	2130290	1881892	1194836	852732	1062699	1191548	1231958	28	11	18	28	10	18	C
C	28	18	10	28	19	10	824815	810870	767845	707254	607208	489702	333807	528514	668726	700104	701970	28	10	18	28	10	19	A
A	28	19	10	28	19	9	2534113	2533698	2526919	2501713	2411590	2205424	1693142	811499	1061882	1218826	1267057	28	10	19	28	9	19	C
C	28	19	9	28	20	9	758128	745878	708103	654999	567776	467037	339342	333227	526248	566266	568596	28	9	19	28	9	20	A
A	28	20	9	28	20	8	2807882	2807528	2801756	2780322	2704030	2531937	2129949	961202	1040963	1239738	1298645	28	9	20	28	8	20	C
C	28	20	8	28	21	8	687931	677256	644353	598153	522538	436098	330493	213609	392459	446275	449261	28	8	20	28	8	21	A
A	28	21	8	28	21	7	3095690	3095391	3090519	3072442	3008303	2864955	2540516	1520740	990262	1252525	1326724	28	8	21	28	7	21	C
C	28	21	7	28	22	7	614224	605033	576712	536978	472103	398419	310207	189555	260802	340001	343966	28	7	21	28	7	22	A
A	28	22	7	28	22	6	3397537	3397288	3393230	3378179	3324900	3206570	2943666	2196134	997561	1253771	1351293	28	7	22	28	6	22	C
C	28	22	6	28	23	6	537007	529230	505271	471676	416913	354972	281671	184758	147189	247167	252709	28	6	22	28	6	23	A
A	28	23	6	28	23	5	3713424	3713221	3709905	3697616	3654183	3558139	3347237	2781714	1429410	1236148	1372352	28	6	23	28	5	23	C
C	28	23	5	28	24	5	456281	449865	430102	402403	357299	306417	246613	169734	100264	167037	175493	28	5	23	28	5	24	A
A	28	24	5	28	24	4	4043350	4043189	4040560	4030818	3996426	3920607	3755394	3325155	2325923	1189024	1389901	28	5	24	28	4	24	C
C	28	24	4	28	25	4	372044	366951	351262	329280	293511	253228	206072	146317	89447	97421	112315	28	4	24	28	4	25	A
A	28	25	4	28	25	3	4387315	4387193	4385204	4377835	4351840	4294655	4170690	3853224	3175043	1252296	1403941	28	4	25	28	3	25	C
C	28	25	3	28	26	3	284298	280499	268798	252407	225746	195753	160724	116665	75871	45128	63177	28	3	25	28	3	26	A
A	28	26	3	28	26	2	4745320	4745235	4743848	4738709	4720591	4680795	4594825	4376893	3928537	2024296	1414470	28	3	26	28	2	26	C
C	28	26	2	28	27	2	193042	190518	182747	171861	154160	134258	111046	81958	55384	24141	28079	28	2	26	28	2	27	A
A	28	27	2	28	27	1	5117364	5117314	5116498	5113473	5102812	5079420	5028999	4901966	4645323	3568731	1421490	28	2	27	28	1	27	C
C	28	27	1	28	28	1	98276	97017	93139	87708	78877	68952	57384	42911	29758	13762	7020	28	1	27	28	1	28	A
A	28	28	1	28	28	0	5503440	5503416	5503158	5502155	5498611	5490839	5474097	5431996	5347423	5010367	2850000	28	1	28	28	0	28	C
												Δτ = 2												
B	28	14	15	28	15	14	1056466	1079547	1154329	1270569	1501374	1736300	1501374	1270569	1154329	1079547	1056466	28	15	14	28	14	15	B
B	28	14	14	28	15	13	1056466	1079547	1154329	1270569	1502080	2125687	1624016	1349530	1216837	1131842	1105603	28	14	14	28	13	15	B
B	28	15	14	28	16	13	1003818	1024210	1090299	1192769	1393528	1677735	1614409	1349528	1216837	1131842	1105603	28	14	15	28	13	16	B
B	28	15	13	28	16	12	1003818	1024210	1090299	1192769	1393577	1744417	1829793	1431581	1278544	1181263	1151232	28	13	15	28	12	16	B
B	28	16	13	28	17	12	947660	965715	1024243	1114863	1290778	1552172	1710005	1431543	1278544	1181263	1151232	28	13	16	28	12	17	B
B	28	16	12	28	17	11	947660	965715	1024243	1114863	1290781	1556956	2203363	1519935	1340511	1228050	1193350	28	12	16	28	11	17	B
B	28	17	12	28	18	11	887993	903975	955800	1035977	1190732	1418203	1717767	1519354	1340511	1228050	1193350	28	12	17	28	11	18	B
B	28	17	11	28	18	10	887993	903975	955800	1035977	1190732	1418547	2009451	1622328	1404367	1272565	1231958	28	11	17	28	10	18	B
B	28	18	11	28	19	10	824815	838929	884704	955491	1091637	1289284	1607559	1614102	1404363	1272565	1231958	28	11	18	28	10	19	B
B	28	18	10	28	19	9	824815	838929	884704	955491	1091637	1289307	1642201	1802916	1472756	1315366	1267057	28	10	18	28	9	19	B
B	28	19	10	28	20	9	758128	770528	810755	872949	992303	1164157	1446405	1694384	1472661	1315366	1267057	28	10	19	28	9	20	B
B	28	19	9	28	20	8	758128	770528	810755	872949	992303	1164159	1448627	2189587	1550599	1357357	1298645	28	9	19	28	8	20	B
B	28	20	9	28	21	8	687931	698738	733802	788008	891892	1040706	1282437	1680946	1548933	1357357	1298645	28	9	20	28	8	21	B
B	28	20	8	28	21	7	687931	698738	733802	788008	891892	1040706	1282581	2008957	1656277	1400074	1326724	28	8	20	28	7	21	B
B	28	21	8	28	22	7	614224	623530	653727	700408	789796	917434	1122837	1529023	1629959	1400073	1326724	28	8	21	28	7	22	B
B	28	21	7	28	22	6	614224	623530	653727	700408	789796	917434	1122846	1567669	1944875	1446302	1351293	28	7	21	28	6	22	B
B	28	22	7	28	23	6	537007	544882	570438	609946	685558	793313	965706	1313438	1661238	1446260	1351293	28	7	22	28	6	23	B
B	28	22	6	28	23	5	537007	544882	570438	609946	685558	793313	965706	1315527	2220268	1501846	1372352	28	6	22	28	5	23	B
B	28	23	6	28	24	5	456281	462778	483863	516462	578831	667605	809133	1092366	1529556	1500573	1372352	28	6	23	28	5	24	B
B	28	23	5	28	24	4	456281	462778	483863	516462	578831	667605	809133	1092474	1687082	1589867	1389901	28	5	23	28	4	24	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	28	24	5	28	25	4	372044	377202	393944	419828	469341	539766	651807	874579	1252856	1560499	1389901	28	5	24	28	4	25	B
B	28	24	4	28	25	3	372044	377202	393944	419828	469341	539766	651807	874583	1261688	1926419	1403941	28	4	24	28	3	25	B
B	28	25	4	28	26	3	284298	288145	300633	319941	356872	409379	492815	658108	939924	1533689	1403941	28	4	25	28	3	26	B
B	28	25	3	28	26	2	284298	288145	300633	319941	356872	409379	492815	658108	940249	2199282	1414470	28	3	25	28	2	26	B
B	28	26	3	28	27	2	193042	195597	203893	216718	241249	276119	331496	441001	626985	1202395	1414470	28	3	26	28	2	27	B
B	28	26	2	28	27	1	193042	195597	203893	216718	241249	276119	331496	441001	626994	1330654	1421490	28	2	26	28	1	27	B
B	28	27	2	28	28	1	98276	99551	103690	110090	122331	139729	167352	221935	314480	625782	1421490	28	2	27	28	1	28	B
B	28	27	1	28	28	0	98276	99551	103690	110090	122331	139729	167352	221935	314481	628510	2850000	28	1	27	28	0	28	B
												$\Delta\tau$ = 3												
C	28	14	15	28	15	13	1056466	1033624	962751	860988	679181	286155	43599	10840	2369	136	0	28	15	14	28	13	15	A
A	28	14	14	28	16	13	0	108	1872	8528	33685	133220	651694	881111	998726	1079616	1105603	28	14	14	28	13	16	C
C	28	15	14	28	16	12	1003818	983649	921207	832265	679228	440677	60055	13801	2999	172	0	28	14	15	28	12	16	A
A	28	15	13	28	17	12	0	85	1474	6698	26152	77835	547638	890093	1028329	1121456	1151232	28	13	15	28	12	17	C
C	28	16	13	28	17	11	947660	929811	874636	796464	664698	494159	111658	17673	3808	218	0	28	13	16	28	11	17	A
A	28	16	12	28	18	11	0	66	1155	5234	20264	57380	314442	882908	1050325	1158893	1193350	28	12	16	28	11	18	C
C	28	17	12	28	18	10	887993	872197	823424	754569	639958	501192	231832	22907	4866	278	0	28	12	17	28	10	18	A
A	28	17	11	28	19	10	0	52	896	4055	15602	43455	143139	844979	1062694	1191548	1231958	28	11	17	28	10	19	C
C	28	18	11	28	19	9	824815	810870	767845	707254	607208	489685	319064	31588	6284	357	0	28	11	18	28	9	19	A
A	28	18	10	28	20	9	0	40	686	3102	11880	32704	87497	717087	1061784	1218826	1267057	28	10	18	28	9	20	C
C	28	19	10	28	20	8	758128	745878	708103	654999	567776	467036	338219	59115	8249	464	0	28	10	19	28	8	20	A
A	28	19	9	28	21	8	0	30	516	2332	8899	24284	62691	412246	1039236	1239738	1298645	28	9	19	28	8	21	C
C	28	20	9	28	21	7	687931	677256	644353	598153	522538	436098	330415	128778	11164	616	0	28	9	20	28	7	21	A
A	28	20	8	28	22	7	0	22	379	1712	6514	17659	44814	171941	963913	1252524	1326724	28	8	20	28	7	22	C
C	28	21	8	28	22	6	614224	605033	576712	536978	472103	398419	310203	179697	17813	838	0	28	8	21	28	6	22	A
A	28	21	7	28	23	6	0	16	270	1217	4619	12457	31213	93483	713566	1253727	1351293	28	7	21	28	6	23	C
C	28	22	7	28	23	5	537007	529230	505271	471676	416913	354972	281670	184101	41833	1184	0	28	7	22	28	5	23	A
A	28	22	6	28	24	5	0	11	183	826	3132	8412	20871	59672	303770	1234811	1372352	28	6	22	28	5	24	C
C	28	23	6	28	24	4	456281	449865	430102	402403	357299	306417	246613	169697	80066	1776	0	28	6	23	28	4	24	A
A	28	23	5	28	25	4	0	7	117	526	1989	5324	13109	36634	114526	1158166	1389901	28	5	23	28	4	25	C
C	28	24	5	28	25	3	372044	366951	351262	329280	293511	253228	206072	146315	88089	3389	0	28	5	24	28	3	25	A
A	28	24	4	28	26	3	0	4	67	302	1140	3044	7450	20465	56116	825715	1403941	28	4	24	28	3	26	C
C	28	25	4	28	26	2	284298	280499	268798	252407	225746	195753	160724	116665	75810	10348	0	28	4	25	28	2	26	A
A	28	25	3	28	27	2	0	2	32	145	546	1455	3544	9606	25472	249340	1414470	28	3	25	28	2	27	C
C	28	26	3	28	27	1	193042	190518	182747	171861	154160	134258	111046	81958	55382	19464	0	28	3	26	28	1	27	A
A	28	26	2	28	28	1	0	1	10	46	175	465	1128	3026	7843	43752	1421490	28	2	26	28	1	28	C
C	28	27	2	28	28	0	98276	97016	93139	87708	78877	68952	57384	42911	29758	13634	0	28	2	27	28	0	28	A
												$\Delta\tau$ = 5												
C	28	13	15	28	16	13	0	21	360	1595	6475	48813	43178	10840	2369	136	0	28	15	13	28	13	16	A
A	28	14	15	28	16	12	0	108	1872	8528	33660	77943	11567	2486	552	33	0	28	15	14	28	12	16	C
C	28	14	14	28	17	12	0	14	235	1032	3974	17519	53128	13801	2999	172	0	28	14	14	28	12	17	A
A	28	15	14	28	17	11	0	85	1474	6698	26150	72625	28905	3943	854	50	0	28	14	15	28	11	17	C
C	28	15	13	28	18	11	0	9	154	668	2489	7629	51681	17664	3808	218	0	28	13	15	28	11	18	A
A	28	16	13	28	18	10	0	66	1155	5234	20264	57082	74987	6452	1341	78	0	28	13	16	28	10	18	C
C	28	16	12	28	19	10	0	6	100	431	1567	4339	26625	22731	4866	278	0	28	12	16	28	10	19	A
A	28	17	12	28	19	9	0	52	896	4055	15602	43438	99804	11613	2158	124	0	28	12	17	28	9	19	C
C	28	17	11	28	20	9	0	4	64	274	981	2589	8974	28455	6284	357	0	28	11	17	28	9	20	A
A	28	18	11	28	20	8	0	40	686	3102	11880	32704	84276	29618	3595	202	0	28	11	18	28	8	20	C
C	28	18	10	28	21	8	0	2	40	171	606	1546	4029	28681	8237	464	0	28	10	18	28	8	21	A
A	28	19	10	28	21	7	0	30	516	2332	8899	24284	62523	82887	6360	340	0	28	10	19	28	7	21	C
C	28	19	9	28	22	7	0	1	24	104	364	909	2177	14847	10910	616	0	28	9	19	28	7	22	A
A	28	20	9	28	22	6	0	22	379	1712	6514	17659	44805	112894	13913	602	0	28	9	20	28	6	22	C
C	28	20	8	28	23	6	0	1	14	61	211	518	1182	4399	13456	838	0	28	8	20	28	6	23	A
A	28	21	8	28	23	5	0	16	270	1217	4619	12457	31213	89479	46273	1140	0	28	8	21	28	5	23	C
C	28	21	7	28	24	5	0	0	8	34	116	280	619	1644	10759	1182	0	28	7	21	28	5	24	A
A	28	22	7	28	24	4	0	11	183	826	3132	8412	20871	59504	104809	2399	0	28	7	22	28	4	24	C

J K_{-1} K_{+1} — J K_{-1} K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
C 28 22 6 28 25 4	0	0	4	17	59	140	302	724	3389	1735	0	28 6 22 28 4 25 A
A 28 23 6 28 25 3	0	7	117	526	1989	5324	13109	36628	95402	6881	0	28 6 23 28 3 25 C
C 28 23 5 28 26 3	0	0	2	8	26	62	131	296	774	2393	0	28 5 23 28 3 26 A
A 28 24 5 28 26 2	0	4	67	302	1140	3044	7450	20465	55444	33489	0	28 5 24 28 2 26 C
C 28 24 4 28 27 2	0	0	1	3	9	22	46	100	212	1759	0	28 4 24 28 2 27 A
A 28 25 4 28 27 1	0	2	32	145	546	1455	3544	9606	25457	77503	0	28 4 25 28 1 27 C
C 28 25 3 28 28 1	0	0	0	1	2	5	10	21	42	249	0	28 3 25 28 1 28 A
A 28 26 3 28 28 0	0	1	10	46	175	465	1128	3026	7842	36949	0	28 3 26 28 0 28 C
						$\Delta\tau = 6$						
B 28 13 16 28 16 13	0	22	400	1994	9900	26414	9900	1994	400	22	0	28 16 13 28 13 16 B
B 28 13 15 28 16 12	0	22	400	1994	9991	91116	17903	3109	613	33	0	28 15 13 28 12 16 B
B 28 14 15 28 17 12	0	14	262	1290	6119	22092	15983	3109	613	33	0	28 15 14 28 12 17 B
B 28 14 14 28 17 11	0	14	262	1290	6123	35251	44544	4933	949	51	0	28 14 14 28 11 17 B
B 28 15 14 28 18 11	0	9	171	835	3832	14386	23187	4931	949	51	0	28 14 15 28 11 18 B
B 28 15 13 28 18 10	0	9	171	835	3832	15341	101575	8081	1491	80	0	28 13 15 28 10 18 B
B 28 16 13 28 19 10	0	6	111	538	2412	8659	25006	8022	1491	80	0	28 13 16 28 10 19 B
B 28 16 12 28 19 9	0	6	111	538	2412	8701	73634	14580	2398	127	0	28 12 16 28 9 19 B
B 28 17 12 28 20 9	0	4	71	343	1510	5183	18690	13219	2398	127	0	28 12 17 28 9 20 B
B 28 17 11 28 20 8	0	4	71	343	1510	5185	25809	37095	3997	207	0	28 11 17 28 8 20 B
B 28 18 11 28 21 8	0	2	44	214	932	3095	11160	19780	3992	207	0	28 11 18 28 8 21 B
B 28 18 10 28 21 7	0	2	44	214	932	3095	11558	93323	7078	349	0	28 10 18 28 7 21 B
B 28 19 10 28 22 7	0	1	27	130	561	1819	6217	21498	6923	349	0	28 10 19 28 7 22 B
B 28 19 9 28 22 6	0	1	27	130	561	1819	6232	71178	15510	618	0	28 9 19 28 6 22 B
B 28 20 9 28 23 6	0	1	16	76	325	1036	3379	15141	11927	618	0	28 9 20 28 6 23 B
B 28 20 8 28 23 5	0	1	16	76	325	1036	3380	22090	50630	1169	0	28 8 20 28 5 23 B
B 28 21 8 28 24 5	0	0	9	42	178	561	1768	7910	16499	1168	0	28 8 21 28 5 24 B
B 28 21 7 28 24 4	0	0	9	42	178	561	1768	8242	89119	2461	0	28 7 21 28 4 24 B
B 28 22 7 28 25 4	0	0	4	21	90	281	863	3613	13691	2406	0	28 7 22 28 4 25 B
B 28 22 6 28 25 3	0	0	4	21	90	281	863	3623	33639	7063	0	28 6 22 28 3 25 B
B 28 23 6 28 26 3	0	0	2	10	40	124	374	1480	6530	5047	0	28 6 23 28 3 26 B
B 28 23 5 28 26 2	0	0	2	10	40	124	374	1480	7752	33875	0	28 5 23 28 2 26 B
B 28 24 5 28 27 2	0	0	1	3	14	44	132	498	2098	7274	0	28 5 24 28 2 27 B
B 28 24 4 28 27 1	0	0	1	3	14	44	132	498	2122	60604	0	28 4 24 28 1 27 B
B 28 25 4 28 28 1	0	0	0	1	3	10	29	107	420	3502	0	28 4 25 28 1 28 B
B 28 25 3 28 28 0	0	0	0	1	3	10	29	107	421	9934	0	28 3 25 28 0 28 B
						$\Delta\tau = 7$						
C 28 13 16 28 16 12	0	21	360	1595	6415	11567	490	23	1	0	0	28 16 13 28 12 16 A
A 28 13 15 28 17 12	0	0	1	12	219	6025	10305	2486	552	33	0	28 15 13 28 12 17 C
C 28 14 15 28 17 11	0	14	235	1032	3971	10782	1565	44	2	0	0	28 15 14 28 11 17 A
A 28 14 14 28 18 11	0	0	0	6	109	1672	14564	3941	854	50	0	28 14 14 28 11 18 C
C 28 15 14 28 18 10	0	9	154	668	2489	7146	5206	89	4	0	0	28 14 15 28 10 18 A
A 28 15 13 28 19 10	0	0	0	3	56	568	13387	6404	1341	78	0	28 13 15 28 10 19 C
C 28 16 13 28 19 9	0	6	100	431	1567	4318	8033	202	7	0	0	28 13 16 28 9 19 A
A 28 16 12 28 20 9	0	0	0	2	28	256	5483	10515	2157	124	0	28 12 16 28 9 20 C
C 28 17 12 28 20 8	0	4	64	274	981	2588	6440	664	15	0	0	28 12 17 28 8 20 A
A 28 17 11 28 21 8	0	0	0	1	14	122	1395	15425	3590	202	0	28 11 17 28 8 21 C
C 28 18 11 28 21 7	0	2	40	171	606	1546	3889	2426	34	0	0	28 11 18 28 7 21 A
A 28 18 10 28 22 7	0	0	0	0	7	58	477	14650	6220	340	0	28 10 18 28 7 22 C
C 28 19 10 28 22 6	0	1	24	104	364	909	2172	3936	97	0	0	28 10 19 28 6 22 A
A 28 19 9 28 23 6	0	0	0	0	3	27	197	5799	10665	602	0	28 9 19 28 6 23 C
C 28 20 9 28 23 5	0	1	14	61	211	518	1182	2987	433	1	0	28 9 20 28 5 23 A
A 28 20 8 28 24 5	0	0	0	0	2	12	80	1216	14205	1139	0	28 8 20 28 5 24 C
C 28 21 8 28 24 4	0	0	8	34	116	280	619	1577	1306	2	0	28 8 21 28 4 24 A
A 28 21 7 28 25 4	0	0	0	0	1	5	31	316	9012	2345	0	28 7 21 28 4 25 C
C 28 22 7 28 25 3	0	0	4	17	59	140	302	722	1330	6	0	28 7 22 28 3 25 A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	28	22	6	28	26	3	0	0	0	0	0	2	10	93	1814	4911	0	28	6	22	28	3	26	C
C	28	23	6	28	26	2	0	0	2	8	26	62	131	296	651	44	0	28	6	23	28	2	26	A
A	28	23	5	28	27	2	0	0	0	0	0	0	3	23	235	6909	0	28	5	23	28	2	27	C
C	28	24	5	28	27	1	0	0	1	3	9	22	46	100	210	154	0	28	5	24	28	1	27	A
A	28	24	4	28	28	1	0	0	0	0	0	0	0	4	28	2552	0	28	4	24	28	1	28	C
C	28	25	4	28	28	0	0	0	0	1	2	5	10	21	42	87	0	28	4	25	28	0	28	A
												Δτ = 9												
C	28	12	16	28	17	12	0	0	0	3	57	1399	437	23	1	0	0	28	16	12	28	12	17	A
A	28	13	16	28	17	11	0	0	1	12	217	1557	228	6	0	0	0	28	16	13	28	11	17	C
C	28	13	15	28	18	11	0	0	0	1	21	571	800	44	2	0	0	28	15	13	28	11	18	A
A	28	14	15	28	18	10	0	0	0	6	109	1038	963	16	1	0	0	28	15	14	28	10	18	C
C	28	14	14	28	19	10	0	0	0	1	8	124	1065	89	4	0	0	28	14	14	28	10	19	A
A	28	15	14	28	19	9	0	0	0	3	56	532	1881	45	2	0	0	28	14	15	28	9	19	C
C	28	15	13	28	20	9	0	0	0	0	3	33	786	183	7	0	0	28	13	15	28	9	20	A
A	28	16	13	28	20	8	0	0	0	2	28	255	1742	184	4	0	0	28	13	16	28	8	20	C
C	28	16	12	28	21	8	0	0	0	0	1	12	246	349	15	0	0	28	12	16	28	8	21	A
A	28	17	12	28	21	7	0	0	0	1	14	122	1005	863	12	0	0	28	12	17	28	7	21	C
C	28	17	11	28	22	7	0	0	0	0	1	5	48	481	33	0	0	28	11	17	28	7	22	A
A	28	18	11	28	22	6	0	0	0	0	7	58	460	1808	42	0	0	28	11	18	28	6	22	C
C	28	18	10	28	23	6	0	0	0	0	0	2	12	352	74	0	0	28	10	18	28	6	23	A
A	28	19	10	28	23	5	0	0	0	0	3	27	196	1629	243	0	0	28	10	19	28	5	23	C
C	28	19	9	28	24	5	0	0	0	0	0	1	4	100	137	1	0	28	9	19	28	5	24	A
A	28	20	9	28	24	4	0	0	0	0	2	12	80	829	981	1	0	28	9	20	28	4	24	C
C	28	20	8	28	25	4	0	0	0	0	0	0	1	15	144	1	0	28	8	20	28	4	25	A
A	28	21	8	28	25	3	0	0	0	0	1	5	31	303	1318	6	0	28	8	21	28	3	25	C
C	28	21	7	28	26	3	0	0	0	0	0	0	0	3	59	4	0	28	7	21	28	3	26	A
A	28	22	7	28	26	2	0	0	0	0	0	2	10	93	724	59	0	28	7	22	28	2	26	C
C	28	22	6	28	27	2	0	0	0	0	0	0	0	0	7	9	0	28	6	22	28	2	27	A
A	28	23	6	28	27	1	0	0	0	0	0	0	3	23	198	305	0	28	6	23	28	1	27	C
C	28	23	5	28	28	1	0	0	0	0	0	0	0	0	0	7	0	28	5	23	28	1	28	A
A	28	24	5	28	28	0	0	0	0	0	0	0	0	4	28	259	0	28	5	24	28	0	28	C
												Δτ = 10												
B	28	12	17	28	17	12	0	0	0	3	78	381	78	3	0	0	0	28	17	12	28	12	17	B
B	28	12	16	28	17	11	0	0	0	3	88	2757	351	8	0	0	0	28	16	12	28	11	17	B
B	28	13	16	28	18	11	0	0	0	1	32	299	180	8	0	0	0	28	16	13	28	11	18	B
B	28	13	15	28	18	10	0	0	0	1	32	1141	1479	20	1	0	0	28	15	13	28	10	18	B
B	28	14	15	28	19	10	0	0	0	1	13	154	310	20	1	0	0	28	15	14	28	10	19	B
B	28	14	14	28	19	9	0	0	0	1	13	249	2823	56	2	0	0	28	14	14	28	9	19	B
B	28	15	14	28	20	9	0	0	0	0	5	63	340	50	2	0	0	28	14	15	28	9	20	B
B	28	15	13	28	20	8	0	0	0	0	5	67	2229	230	5	0	0	28	13	15	28	8	20	B
B	28	16	13	28	21	8	0	0	0	0	2	24	225	121	5	0	0	28	13	16	28	8	21	B
B	28	16	12	28	21	7	0	0	0	0	2	24	702	1078	13	0	0	28	12	16	28	7	21	B
B	28	17	12	28	22	7	0	0	0	0	1	9	98	218	13	0	0	28	12	17	28	7	22	B
B	28	17	11	28	22	6	0	0	0	0	1	9	137	2219	46	0	0	28	11	17	28	6	22	B
B	28	18	11	28	23	6	0	0	0	0	0	3	34	235	36	0	0	28	11	18	28	6	23	B
B	28	18	10	28	23	5	0	0	0	0	0	3	36	1748	270	0	0	28	10	18	28	5	23	B
B	28	19	10	28	24	5	0	0	0	0	0	1	11	141	85	0	0	28	10	19	28	5	24	B
B	28	19	9	28	24	4	0	0	0	0	0	1	11	498	1087	1	0	28	9	19	28	4	24	B
B	28	20	9	28	25	4	0	0	0	0	0	0	3	50	125	1	0	28	9	20	28	4	25	B
B	28	20	8	28	25	3	0	0	0	0	0	0	3	73	1409	6	0	28	8	20	28	3	25	B
B	28	21	8	28	26	3	0	0	0	0	0	0	1	12	89	4	0	28	8	21	28	3	26	B
B	28	21	7	28	26	2	0	0	0	0	0	0	1	13	591	61	0	28	7	21	28	2	26	B
B	28	22	7	28	27	2	0	0	0	0	0	0	0	2	27	13	0	28	7	22	28	2	27	B
B	28	22	6	28	27	1	0	0	0	0	0	0	0	2	68	313	0	28	6	22	28	1	27	B
B	28	23	6	28	28	1	0	0	0	0	0	0	0	0	3	14	0	28	6	23	28	1	28	B

												κ												
	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	28	23	5	28	28	0	0	0	0	0	0	0	0	0	4	259	0	28	5	23	28	0	28	B
												$\Delta\tau$ = 11												
C	28	12	17	28	17	11	0	0	0	3	51	188	8	0	0	0	0	28	17	12	28	11	17	A
A	28	12	16	28	18	11	0	0	0	0	2	132	117	6	0	0	0	28	16	12	28	11	18	C
C	28	13	16	28	18	10	0	0	0	1	21	149	41	0	0	0	0	28	16	13	28	10	18	A
A	28	13	15	28	19	10	0	0	0	0	0	42	201	16	1	0	0	28	15	13	28	10	19	C
C	28	14	15	28	19	9	0	0	0	1	8	77	101	0	0	0	0	28	15	14	28	9	19	A
A	28	14	14	28	20	9	0	0	0	0	0	7	215	40	2	0	0	28	14	14	28	9	20	C
C	28	15	14	28	20	8	0	0	0	0	3	31	118	3	0	0	0	28	14	15	28	8	20	A
A	28	15	13	28	21	8	0	0	0	0	0	2	121	97	4	0	0	28	13	15	28	8	21	C
C	28	16	13	28	21	7	0	0	0	0	1	12	79	15	0	0	0	28	13	16	28	7	21	A
A	28	16	12	28	22	7	0	0	0	0	0	0	29	174	11	0	0	28	12	16	28	7	22	C
C	28	17	12	28	22	6	0	0	0	0	1	5	34	40	0	0	0	28	12	17	28	6	22	A
A	28	17	11	28	23	6	0	0	0	0	0	0	4	185	32	0	0	28	11	17	28	6	23	C
C	28	18	11	28	23	5	0	0	0	0	0	2	12	47	1	0	0	28	11	18	28	5	23	A
A	28	18	10	28	24	5	0	0	0	0	0	0	1	97	77	0	0	28	10	18	28	5	24	C
C	28	19	10	28	24	4	0	0	0	0	0	1	4	28	7	0	0	28	10	19	28	4	24	A
A	28	19	9	28	25	4	0	0	0	0	0	0	0	19	112	1	0	28	9	19	28	4	25	C
C	28	20	9	28	25	3	0	0	0	0	0	0	1	10	12	0	0	28	9	20	28	3	25	A
A	28	20	8	28	26	3	0	0	0	0	0	0	0	2	77	4	0	28	8	20	28	3	26	C
C	28	21	8	28	26	2	0	0	0	0	0	0	0	2	9	0	0	28	8	21	28	2	26	A
A	28	21	7	28	27	2	0	0	0	0	0	0	0	0	18	12	0	28	7	21	28	2	27	C
C	28	22	7	28	27	1	0	0	0	0	0	0	0	0	3	0	0	28	7	22	28	1	27	A
A	28	22	6	28	28	1	0	0	0	0	0	0	0	0	1	13	0	28	6	22	28	1	28	C
												$\Delta\tau$ = 13												
C	28	11	17	28	18	11	0	0	0	0	1	18	4	0	0	0	0	28	17	11	28	11	18	A
A	28	12	17	28	18	10	0	0	0	0	1	18	5	0	0	0	0	28	17	12	28	10	18	C
C	28	12	16	28	19	10	0	0	0	0	0	10	9	0	0	0	0	28	16	12	28	10	19	A
A	28	13	16	28	19	9	0	0	0	0	0	11	15	0	0	0	0	28	16	13	28	9	19	C
C	28	13	15	28	20	9	0	0	0	0	0	2	12	0	0	0	0	28	15	13	28	9	20	A
A	28	14	15	28	20	8	0	0	0	0	0	5	22	0	0	0	0	28	15	14	28	8	20	C
C	28	14	14	28	21	8	0	0	0	0	0	0	10	1	0	0	0	28	14	14	28	8	21	A
A	28	15	14	28	21	7	0	0	0	0	0	1	18	3	0	0	0	28	14	15	28	7	21	C
C	28	15	13	28	22	7	0	0	0	0	0	0	4	3	0	0	0	28	13	15	28	7	22	A
A	28	16	13	28	22	6	0	0	0	0	0	0	9	11	0	0	0	28	13	16	28	6	22	C
C	28	16	12	28	23	6	0	0	0	0	0	0	1	4	0	0	0	28	12	16	28	6	23	A
A	28	17	12	28	23	5	0	0	0	0	0	0	3	17	0	0	0	28	12	17	28	5	23	C
C	28	17	11	28	24	5	0	0	0	0	0	0	0	3	0	0	0	28	11	17	28	5	24	A
A	28	18	11	28	24	4	0	0	0	0	0	0	1	13	3	0	0	28	11	18	28	4	24	C
C	28	18	10	28	25	4	0	0	0	0	0	0	0	1	1	0	0	28	10	18	28	4	25	A
A	28	19	10	28	25	3	0	0	0	0	0	0	0	5	7	0	0	28	10	19	28	3	25	C
C	28	19	9	28	26	3	0	0	0	0	0	0	0	0	1	0	0	28	9	19	28	3	26	A
A	28	20	9	28	26	2	0	0	0	0	0	0	0	1	7	0	0	28	9	20	28	2	26	C
A	28	21	8	28	27	1	0	0	0	0	0	0	0	0	3	0	0	28	8	21	28	1	27	C
												$\Delta\tau$ = 14												
B	28	11	18	28	18	11	0	0	0	0	1	3	1	0	0	0	0	28	18	11	28	11	18	B
B	28	11	17	28	18	10	0	0	0	0	1	35	7	0	0	0	0	28	17	11	28	10	18	B
B	28	12	17	28	19	10	0	0	0	0	0	3	2	0	0	0	0	28	17	12	28	10	19	B
B	28	12	16	28	19	9	0	0	0	0	0	20	23	0	0	0	0	28	16	12	28	9	19	B
B	28	13	16	28	20	9	0	0	0	0	0	1	3	0	0	0	0	28	16	13	28	9	20	B
B	28	13	15	28	20	8	0	0	0	0	0	5	33	1	0	0	0	28	15	13	28	8	20	B
B	28	14	15	28	21	8	0	0	0	0	0	0	3	0	0	0	0	28	15	14	28	8	21	B
B	28	14	14	28	21	7	0	0	0	0	0	1	27	4	0	0	0	28	14	14	28	7	21	B
B	28	15	14	28	22	7	0	0	0	0	0	0	2	1	0	0	0	28	14	15	28	7	22	B
B	28	15	13	28	22	6	0	0	0	0	0	0	12	14	0	0	0	28	13	15	28	6	22	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	28	16	13	28	23	6	0	0	0	0	0	0	1	1	0	0	0	28	13	16	28	6	23	B
B	28	16	12	28	23	5	0	0	0	0	0	0	2	21	0	0	0	28	12	16	28	5	23	B
B	28	17	12	28	24	5	0	0	0	0	0	0	0	1	0	0	0	28	12	17	28	5	24	B
B	28	17	11	28	24	4	0	0	0	0	0	0	0	16	3	0	0	28	11	17	28	4	24	B
B	28	18	11	28	25	4	0	0	0	0	0	0	0	1	0	0	0	28	11	18	28	4	25	B
B	28	18	10	28	25	3	0	0	0	0	0	0	0	6	8	0	0	28	10	18	28	3	25	B
B	28	19	9	28	26	2	0	0	0	0	0	0	0	1	7	0	0	28	9	19	28	2	26	B
B	28	20	8	28	27	1	0	0	0	0	0	0	0	0	3	0	0	28	8	20	28	1	27	B
												Δτ = 15												
C	28	11	18	28	18	10	0	0	0	0	0	2	0	0	0	0	0	28	18	11	28	10	18	A
A	28	11	17	28	19	10	0	0	0	0	0	1	1	0	0	0	0	28	17	11	28	10	19	C
C	28	12	17	28	19	9	0	0	0	0	0	1	0	0	0	0	0	28	17	12	28	9	19	A
A	28	12	16	28	20	9	0	0	0	0	0	1	2	0	0	0	0	28	16	12	28	9	20	C
C	28	13	16	28	20	8	0	0	0	0	0	1	1	0	0	0	0	28	16	13	28	8	20	A
A	28	13	15	28	21	8	0	0	0	0	0	0	2	0	0	0	0	28	15	13	28	8	21	C
C	28	14	15	28	21	7	0	0	0	0	0	0	1	0	0	0	0	28	15	14	28	7	21	A
A	28	14	14	28	22	7	0	0	0	0	0	0	1	1	0	0	0	28	14	14	28	7	22	C
C	28	15	14	28	22	6	0	0	0	0	0	0	1	0	0	0	0	28	14	15	28	6	22	A
A	28	15	13	28	23	6	0	0	0	0	0	0	0	1	0	0	0	28	13	15	28	6	23	C
A	28	16	12	28	24	5	0	0	0	0	0	0	0	1	0	0	0	28	12	16	28	5	24	C
A	28	17	11	28	25	4	0	0	0	0	0	0	0	1	0	0	0	28	11	17	28	4	25	C

J=28 ΔJ = 1

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
												Δτ = 0												
B	28	14	14	29	15	15	1631034	1604934	1518946	1380752	1083777	670251	1083777	1380752	1518946	1604934	1631034	28	14	14	29	15	15	B
B	28	15	13	29	16	14	1706897	1683736	1607664	1486537	1235591	789828	908209	1271069	1429910	1527419	1556897	28	13	15	29	14	16	B
B	28	16	12	29	17	13	1784483	1763923	1696550	1589986	1374158	1012505	723249	1154912	1339852	1451053	1484483	28	12	16	29	13	17	B
B	28	17	11	29	18	12	1863793	1845567	1785950	1692119	1504909	1208843	690647	1027582	1247707	1375641	1413793	28	11	17	29	12	18	B
B	28	18	10	29	19	11	1944828	1928723	1876121	1793640	1630789	1381804	895490	880076	1151755	1300893	1344828	28	10	18	29	11	19	B
B	28	19	9	29	20	10	2027586	2013432	1967253	1895055	1753583	1541825	1156890	722016	1048990	1226360	1277586	28	9	19	29	10	20	B
B	28	20	8	29	21	9	2112069	2099726	2059494	1996739	1874462	1694022	1381844	710585	933626	1151317	1212069	28	8	20	29	9	21	B
B	28	21	7	29	22	8	2198276	2187630	2152959	2098976	1994244	1841232	1583957	966962	797172	1074504	1148276	28	7	21	29	8	22	B
B	28	22	6	29	23	7	2286207	2277165	2247737	2201986	2113522	1985214	1773322	1300620	701138	993522	1086207	28	6	22	29	7	23	B
B	28	23	5	29	24	6	2375862	2368347	2343901	2305943	2232741	2127143	1954848	1588895	869055	903350	1025862	28	5	23	29	6	24	B
B	28	24	4	29	25	5	2467241	2461189	2441510	2410987	2352244	2267853	2131318	1849127	1296687	796766	967241	28	4	24	29	5	25	B
B	28	25	3	29	26	4	2560345	2555702	2540613	2517228	2472300	2407959	2304492	2094187	1709811	758266	910345	28	3	25	29	4	26	B
B	28	26	2	29	27	3	2655172	2651895	2641249	2624760	2593124	2547928	2475566	2330062	2073207	1108664	855172	28	2	26	29	3	27	B
B	28	27	1	29	28	2	2751724	2749776	2743450	2733658	2714889	2688123	2645400	2560081	2412163	1855803	801724	28	1	27	29	2	28	B
B	28	28	0	29	29	1	2849996	2849344	2847244	2843986	2837740	2828836	2814634	2786324	2737508	2561629	1500000	28	0	28	29	1	29	B
												Δτ = 1												
C	28	0	28	29	1	28	1500000	414808	269003	230063	210383	202504	198837	197163	196688	196559	196552	28	28	0	29	28	1	A
C	28	1	28	29	2	28	801724	413779	269003	230063	210383	202504	198837	197163	196688	196560	196552	28	28	1	29	28	2	A
C	28	1	27	29	2	27	801724	845033	528679	452070	413383	397902	390696	387408	386474	386222	386207	28	27	1	29	27	2	A
C	28	2	27	29	3	27	855172	789885	528677	452070	413383	397902	390696	387408	386474	386222	386207	28	27	2	29	27	3	A
C	28	2	26	29	3	26	855172	1348178	779425	666093	609009	586194	575578	570735	569360	568988	568966	28	26	2	29	26	3	A
C	28	3	26	29	4	26	910345	1032328	779342	666093	609009	586194	575578	570735	569360	568988	568966	28	26	3	29	26	4	A
C	28	3	25	29	4	25	910345	1272381	1022573	872267	797280	767382	753483	747143	745343	744857	744828	28	25	3	29	25	4	A
C	28	4	25	29	5	25	967241	1109014	1019987	872267	797280	767382	753483	747143	745343	744857	744828	28	25	4	29	25	5	A
C	28	4	24	29	5	24	967241	1128964	1291660	1070836	978226	941471	924410	916633	914426	913830	913793	28	24	4	29	24	5	A
C	28	5	24	29	6	24	1025862	1137620	1234765	1070817	978226	941471	924410	916633	914426	913830	913793	28	24	5	29	24	6	A
C	28	5	23	29	6	23	1025862	1138558	1616886	1262248	1151900	1108468	1088361	1079204	1076606	1075905	1075862	28	23	5	29	23	6	A
C	28	6	23	29	7	23	1086207	1173514	1373699	1261825	1151900	1108468	1088361	1079204	1076606	1075905	1075862	28	23	6	29	23	7	A
C	28	6	22	29	7	22	1086207	1173548	1557611	1451138	1318395	1268386	1245337	1234857	1231886	1231084	1231034	28	22	6	29	22	7	A
C	28	7	22	29	8	22	1148276	1218832	1424845	1441701	1318394	1268386	1245337	1234857	1231886	1231084	1231034	28	22	7	29	22	8	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	κ 0	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	28	7	21	29	8	21	1148276	1218833	1444908	1697421	1477872	1421247	1395339	1383591	1380264	1379365	1379310	28	21	7	29	21	8	A
C	28	8	21	29	9	21	1212069	1270688	1448269	1588215	1477857	1421247	1395339	1383591	1380264	1379365	1379310	28	21	8	29	21	9	A
C	28	8	20	29	9	20	1212069	1270688	1449687	1869135	1630612	1567087	1538372	1525407	1521740	1520750	1520690	28	20	8	29	20	9	A
C	28	9	20	29	10	20	1277586	1327296	1478175	1668000	1630325	1567087	1538372	1525407	1521740	1520750	1520690	28	20	9	29	20	10	A
C	28	9	19	29	10	19	1277586	1327296	1478264	1745507	1779144	1705973	1674441	1660304	1656314	1655238	1655172	28	19	9	29	19	10	A
C	28	10	19	29	11	19	1344828	1387628	1517561	1698721	1773517	1705972	1674441	1660304	1656314	1655238	1655172	28	19	10	29	19	11	A
C	28	10	18	29	11	18	1344828	1387628	1517566	1705720	1963805	1838014	1803559	1788282	1783987	1782829	1782759	28	18	10	29	18	11	A
C	28	11	18	29	12	18	1413793	1451065	1564322	1723109	1893136	1837992	1803559	1788282	1783987	1782829	1782759	28	18	11	29	18	12	A
C	28	11	17	29	12	17	1413793	1451065	1564323	1723672	2124590	1963407	1925745	1909342	1904757	1903524	1903448	28	17	11	29	17	12	A
C	28	12	17	29	13	17	1484483	1517210	1616793	1755667	1964831	1963008	1925745	1909342	1904757	1903524	1903448	28	17	12	29	17	13	A
C	28	12	16	29	13	16	1484483	1517210	1616793	1755707	2044652	2085819	2041034	2023484	2018625	2017321	2017241	28	16	12	29	16	13	A
C	28	13	16	29	14	16	1556897	1585801	1673881	1796311	1996907	2078168	2041033	2023484	2018625	2017321	2017241	28	16	13	29	16	14	A
C	28	13	15	29	14	15	1556897	1585801	1673881	1796314	2005085	2243605	2149480	2130711	2125590	2124222	2124138	28	15	13	29	15	14	A
C	28	14	15	29	15	15	1631034	1656660	1734855	1843403	2021735	2170094	2149454	2130711	2125590	2124222	2124138	28	15	14	29	15	15	A
C	28	14	14	29	15	14	1631034	1656660	1734855	1843403	2022450	2336548	2251197	2231025	2225653	2224225	2224138	28	14	14	29	14	15	A
C	28	15	14	29	16	14	1706897	1729658	1799204	1895727	2053131	2223197	2250732	2231025	2225653	2224225	2224138	28	14	15	29	14	16	A
C	28	15	13	29	16	13	1706897	1729658	1799204	1895727	2053189	2266555	2350850	2324432	2318810	2317331	2317241	28	13	15	29	13	16	A
C	28	16	13	29	17	13	1784483	1804705	1866562	1952449	2091800	2250920	2341784	2324432	2318810	2317331	2317241	28	13	16	29	13	17	A
C	28	16	12	29	17	12	1784483	1804705	1866562	1952449	2091804	2255036	2476893	2410937	2405063	2403541	2403448	28	12	16	29	12	17	A
C	28	17	12	29	18	12	1863793	1881732	1936659	2012978	2136471	2277097	2411226	2410930	2405063	2403541	2403448	28	12	17	29	12	18	A
C	28	17	11	29	18	11	1863793	1881732	1936659	2012978	2136472	2277463	2519054	2490527	2484406	2482852	2482759	28	11	17	29	11	18	A
C	28	18	11	29	19	11	1944828	1960687	2009292	2076883	2186120	2309544	2451029	2490373	2484406	2482852	2482759	28	11	18	29	11	19	A
C	28	18	10	29	19	10	1944828	1960687	2009292	2076883	2186120	2309573	2472076	2564688	2556835	2555266	2555172	28	10	18	29	10	19	A
C	28	19	10	29	20	10	2027586	2041532	2084304	2143837	2240019	2348141	2476113	2561222	2556835	2555266	2555172	28	10	19	29	10	20	A
C	28	19	9	29	20	9	2027586	2041532	2084304	2143837	2240019	2348143	2477988	2650627	2622327	2620781	2620690	28	9	19	29	9	20	A
C	28	20	9	29	21	9	2112069	2124235	2161575	2213591	2297646	2391872	2502840	2616838	2622319	2620781	2620690	28	9	20	29	9	21	A
C	28	20	8	29	21	8	2112069	2124235	2161575	2213591	2297646	2391872	2502999	2694241	2680829	2679395	2679310	28	8	20	29	8	21	A
C	28	21	8	29	22	8	2198276	2208773	2241007	2285950	2358609	2439951	2535127	2651242	2680630	2679395	2679310	28	8	21	29	8	22	A
C	28	21	7	29	22	7	2198276	2208773	2241007	2285950	2358609	2439951	2535138	2668552	2734976	2731104	2731034	28	7	21	29	7	22	A
C	28	22	7	29	23	7	2286207	2295125	2322525	2360757	2422607	2491818	2572482	2674269	2729992	2731104	2731034	28	7	22	29	7	23	A
C	28	22	6	29	23	6	2286207	2295125	2322525	2360757	2422607	2491818	2572483	2675750	2790269	2775894	2775862	28	6	22	29	6	23	A
C	28	23	6	29	24	6	2375862	2383276	2406066	2437888	2489405	2547059	2614119	2698491	2765494	2775893	2775862	28	6	23	29	6	24	A
C	28	23	5	29	24	5	2375862	2383276	2406066	2437888	2489405	2547059	2614119	2698604	2796819	2813713	2813793	28	5	23	29	5	24	A
C	28	24	5	29	25	5	2467241	2473214	2491579	2517240	2558813	2605359	2659454	2727186	2787845	2813690	2813793	28	5	24	29	5	25	A
C	28	24	4	29	25	4	2467241	2473214	2491579	2517240	2558813	2605359	2659454	2727193	2791596	2845009	2844828	28	4	24	29	4	25	A
C	28	25	4	29	26	4	2560345	2564927	2579023	2598728	2630678	2666470	2708064	2760009	2807263	2843919	2844828	28	4	25	29	4	26	A
C	28	25	3	29	26	3	2560345	2564927	2579023	2598728	2630678	2666470	2708064	2760009	2807516	2871218	2868966	28	3	25	29	3	26	A
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B	28	11	18	29	12	17	1413793	1375641	1247706	1026927	332683	167216	142270	126793	119503	115099	113793	28	18	11	29	17	12	B

	J	K₋₁	K₊₁	J	K₋₁	K₊₁	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K₋₁	K₊₁	J	K₋₁	K₊₁	
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A	28	3	26	29	5	25	0	1734	5131	5752	6714	7619	8475	9295	9825	10216	10345	28	26	3	29	25	5	C
A	28	3	25	29	5	24	0	2391	9777	9866	11314	12762	14157	15504	16380	17027	17241	28	25	3	29	24	5	C
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A	28	10	19	29	12	18	0	329	5755	26857	71250	75471	80336	86291	90507	93740	94828	28	19	10	29	18	12	C
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A	28	18	11	29	20	10	0	106	1833	8242	30999	82029	196447	297029	293261	294082	294828	28	11	18	29	10	20	C
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	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
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A	28	19	9	29	21	8	0	91	1583	7117	26711	70296	167994	515744	375227	364289	362069	28	9	19	29	8	21	C
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B	28	3	25	29	6	24	0	5240	81931	48206	31977	25363	21698	19343	18184	17460	17241	28	25	3	29	24	6	B
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B	28	6	22	29	9	21	0	575	13950	125070	91252	71408	60776	54103	50872	48876	48276	28	22	6	29	21	9	B
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B	28	25	3	29	28	2	0	0	5	22	90	269	753	2472	7952	101477	605172	28	3	25	29	2	28	B
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C	28	1	28	29	4	26	0	2226	323	100	33	13	5	1	0	0	0	28	28	1	29	26	4	A
C	28	1	27	29	4	25	0	36064	1545	444	143	55	20	5	1	0	0	28	27	1	29	25	4	A
C	28	2	27	29	5	25	0	4895	1535	444	143	55	20	5	1	0	0	28	27	2	29	25	5	A
C	28	2	26	29	5	24	0	22633	5096	1254	387	148	54	14	3	0	0	28	26	2	29	24	5	A
C	28	3	26	29	6	24	0	3656	4588	1254	387	148	54	14	3	0	0	28	26	3	29	24	6	A
C	28	3	25	29	6	23	0	5115	19257	2894	849	319	115	30	7	0	0	28	25	3	29	23	6	A
C	28	4	25	29	7	23	0	1878	9662	2890	849	319	115	30	7	0	0	28	25	4	29	23	7	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	28	4	24	29	7	22	0	1922	55793	6069	1644	606	217	56	12	1	0	28	24	4	29	22	7	A
C	28	5	24	29	8	22	0	984	12373	5957	1644	606	217	56	12	1	0	28	24	5	29	22	6	A
C	28	5	23	29	8	21	0	984	37288	13661	2951	1057	374	96	21	1	0	28	23	5	29	21	8	A
C	28	6	23	29	9	21	0	561	9727	11009	2951	1057	374	96	21	1	0	28	23	6	29	21	9	A
C	28	6	22	29	9	20	0	561	12634	39882	5061	1744	608	156	34	2	0	28	22	6	29	20	9	A
C	28	7	22	29	10	20	0	343	6151	16091	5056	1744	608	156	34	2	0	28	22	7	29	20	10	A
C	28	7	21	29	10	19	0	343	6289	63608	8521	2770	948	241	53	3	0	28	21	7	29	19	10	A
C	28	8	21	29	11	19	0	220	3861	16084	8418	2770	948	241	53	3	0	28	21	8	29	19	11	A
C	28	8	20	29	11	18	0	220	3867	29836	15485	4293	1433	361	79	5	0	28	20	8	29	18	11	A
C	28	9	20	29	12	18	0	147	2527	11856	13400	4292	1433	361	79	5	0	28	20	9	29	18	12	A
C	28	9	19	29	12	17	0	147	2527	13068	37380	6576	2119	527	115	7	0	28	19	9	29	17	12	A
C	28	10	19	29	13	17	0	101	1714	7935	18323	6567	2119	527	115	7	0	28	19	10	29	17	13	A
C	28	10	18	29	13	16	0	101	1714	7993	63936	10154	3091	756	165	9	0	28	18	10	29	16	13	A
C	28	11	18	29	14	16	0	71	1194	5376	18631	9975	3091	756	165	9	0	28	18	11	29	16	14	A
C	28	11	17	29	14	15	0	71	1194	5378	35043	17660	4478	1071	232	13	0	28	17	11	29	15	14	A
C	28	12	17	29	15	15	0	50	847	3741	14433	14585	4477	1071	232	13	0	28	17	12	29	15	15	A
C	28	12	16	29	15	14	0	50	847	3741	16141	40364	6504	1504	323	18	0	28	16	12	29	14	15	A
C	28	13	16	29	16	14	0	36	609	2656	10061	18228	6491	1504	323	18	0	28	16	13	29	14	16	A
C	28	13	15	29	16	13	0	36	609	2656	10153	54756	9668	2104	447	25	0	28	15	13	29	13	16	A
C	28	14	15	29	17	13	0	26	442	1909	6997	17189	9423	2104	447	25	0	28	15	14	29	13	17	A
C	28	14	14	29	17	12	0	26	442	1909	7002	26977	16848	2951	617	35	0	28	14	14	29	12	17	A
C	28	15	14	29	18	12	0	19	322	1382	4943	12910	13109	2951	617	35	0	28	14	15	29	12	18	A
C	28	15	13	29	18	11	0	19	322	1382	4944	13751	37180	4176	853	48	0	28	13	15	29	11	18	A
C	28	16	13	29	19	11	0	14	234	1003	3527	8980	15283	4171	853	48	0	28	13	16	29	11	19	A
C	28	16	12	29	19	10	0	14	234	1003	3527	9024	40017	6055	1186	66	0	28	12	16	29	10	19	A
C	28	17	12	29	20	10	0	10	170	726	2523	6230	13406	5960	1186	66	0	28	12	17	29	10	20	A
C	28	17	11	29	20	9	0	10	170	726	2523	6232	18294	9976	1669	92	0	28	11	17	29	9	20	A
C	28	18	11	29	21	9	0	7	122	521	1797	4341	9609	8312	1668	92	0	28	11	18	29	9	21	A
C	28	18	10	29	21	8	0	7	122	521	1797	4341	9944	22016	2394	130	0	28	10	18	29	8	21	A
C	28	19	10	29	22	8	0	5	87	370	1267	3013	6468	9880	2389	130	0	28	10	19	29	8	22	A
C	28	19	9	29	22	7	0	5	87	370	1267	3013	6484	27435	3604	186	0	28	9	19	29	7	22	A
C	28	20	9	29	23	7	0	4	61	257	877	2062	4300	8638	3470	186	0	28	9	20	29	7	23	A
C	28	20	8	29	23	6	0	4	61	257	877	2062	4301	12377	6844	272	0	28	8	20	29	6	23	A
C	28	21	8	29	24	6	0	2	41	174	590	1377	2812	5871	4742	272	0	28	8	21	29	6	24	A
C	28	21	7	29	24	5	0	2	41	174	590	1377	2812	6111	15228	414	0	28	7	21	29	5	24	A
C	28	22	7	29	25	5	0	2	27	112	381	884	1779	3593	4949	414	0	28	7	22	29	5	25	A
C	28	22	6	29	25	4	0	2	27	112	381	884	1779	3603	11126	676	0	28	6	22	29	4	25	A
C	28	23	6	29	26	4	0	1	16	68	231	534	1063	2079	3470	655	0	28	6	23	29	4	26	A
C	28	23	5	29	26	3	0	1	16	68	231	534	1063	2079	4095	1459	0	28	5	23	29	3	26	A
C	28	24	5	29	27	3	0	1	9	38	127	293	578	1103	1840	980	0	28	5	24	29	3	27	A
C	28	24	4	29	27	2	0	1	9	38	127	293	578	1103	1860	4035	0	28	4	24	29	2	27	A
C	28	25	4	29	28	2	0	0	4	17	59	134	264	495	798	938	0	28	4	25	29	2	28	A
C	28	25	3	29	28	1	0	0	4	17	59	134	264	495	798	2427	0	28	3	25	29	1	28	A
C	28	26	3	29	29	1	0	0	1	5	18	41	81	150	235	363	0	28	3	26	29	1	29	A
C	28	26	2	29	29	0	0	0	1	5	18	41	81	150	235	.427	0	28	2	26	29	0	29	A
												$\Delta\tau$ = 6												
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B	28	2	27	29	5	24	0	4844	191	30	7	2	1	0	0	0	0	28	27	2	29	24	5	B
B	28	3	26	29	6	23	0	3738	1278	116	24	7	2	1	0	0	0	28	26	3	29	23	6	B
B	28	4	25	29	7	22	0	1925	6896	363	68	20	6	1	0	0	0	28	25	4	29	22	7	B
B	28	5	24	29	8	21	0	1009	12789	1171	166	47	14	3	1	0	0	28	24	5	29	21	8	B
B	28	6	23	29	9	20	0	575	10681	5022	377	102	30	7	1	0	0	28	23	6	29	20	9	B
B	28	7	22	29	10	19	0	351	6811	15266	830	206	60	13	3	0	0	28	22	7	29	19	10	B
B	28	8	21	29	11	18	0	226	4284	19104	1971	402	112	25	5	0	0	28	21	8	29	18	11	B
B	28	9	20	29	12	17	0	150	2806	14631	6478	772	204	45	9	1	0	28	20	9	29	17	12	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	28	10	19	29	13	16	0	103	1904	9865	19253	1497	365	78	16	1	0	28	19	10	29	16	13	B
B	28	11	18	29	14	15	0	72	1326	6701	26397	3318	649	133	27	1	0	28	18	11	29	15	14	B
B	28	12	17	29	15	14	0	52	941	4669	21706	10367	1160	227	45	2	0	28	17	12	29	14	15	B
B	28	13	16	29	16	13	0	37	677	3316	15326	26456	2145	385	75	4	0	28	16	13	29	13	16	B
B	28	14	15	29	17	12	0	27	491	2385	10707	31933	4757	659	126	7	0	28	15	14	29	12	17	B
B	28	15	14	29	18	11	0	20	357	1727	7581	25212	14872	1148	212	11	0	28	14	15	29	11	18	B
B	28	16	13	29	19	10	0	14	260	1253	5415	17756	33504	2079	362	19	0	28	13	16	29	10	19	B
B	28	17	12	29	20	9	0	10	189	907	3877	12380	35951	4391	632	33	0	28	12	17	29	9	20	B
B	28	18	11	29	21	8	0	8	136	652	2763	8648	26843	13636	1145	58	0	28	11	18	29	8	21	B
B	28	19	10	29	22	7	0	5	97	462	1948	6011	18275	35179	2228	105	0	28	10	19	29	7	22	B
B	28	20	9	29	23	6	0	4	67	321	1349	4119	12211	40057	5715	200	0	28	9	20	29	6	23	B
B	28	21	8	29	24	5	0	3	45	217	908	2752	8007	28673	20821	408	0	28	8	21	29	5	24	B
B	28	22	7	29	25	4	0	2	29	141	587	1768	5074	17782	41119	927	0	28	7	22	29	4	25	B
B	28	23	6	29	26	3	0	1	18	85	356	1068	3035	10342	33433	2982	0	28	6	23	29	3	26	B
B	28	24	5	29	27	2	0	1	10	47	196	585	1650	5502	18195	15402	0	28	5	24	29	2	27	B
B	28	25	4	29	28	1	0	0	5	22	90	269	753	2472	7948	32292	0	28	4	25	29	1	28	B
B	28	26	3	29	29	0	0	0	1	7	28	83	231	749	2347	14345	0	28	3	26	29	0	29	B
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A	28	1	28	29	5	25	0	5	3	1	0	0	0	0	0	0	0	28	28	1	29	25	5	C
A	28	1	27	29	5	24	0	103	19	6	2	1	0	0	0	0	0	28	27	1	29	24	5	C
A	28	2	27	29	6	24	0	7	17	6	2	1	0	0	0	0	0	28	27	2	29	24	6	C
A	28	2	26	29	6	23	0	33	128	23	8	4	2	0	0	0	0	28	26	2	29	23	6	C
A	28	3	26	29	7	23	0	3	63	23	8	4	2	0	0	0	0	28	26	3	29	23	7	C
A	28	3	25	29	7	22	0	5	676	73	24	10	4	1	0	0	0	28	25	3	29	22	7	C
A	28	4	25	29	8	22	0	1	125	71	24	10	4	1	0	0	0	28	25	4	29	22	8	C
A	28	4	24	29	8	21	0	1	1025	234	58	24	9	3	1	0	0	28	24	4	29	21	8	C
A	28	5	24	29	9	21	0	1	124	188	58	24	9	3	1	0	0	28	24	5	29	21	9	C
A	28	5	23	29	9	20	0	1	390	1001	132	51	20	6	1	0	0	28	23	5	29	20	9	C
A	28	6	23	29	10	20	0	0	73	383	132	51	20	6	1	0	0	28	23	6	29	20	10	C
A	28	6	22	29	10	19	0	0	95	2850	291	103	39	11	2	0	0	28	22	6	29	19	10	C
A	28	7	22	29	11	19	0	0	36	497	287	103	39	11	2	0	0	28	22	7	29	19	11	C
A	28	7	21	29	11	18	0	0	37	2385	691	201	73	20	5	0	0	28	21	7	29	18	11	C
A	28	8	21	29	12	18	0	0	18	392	596	201	73	20	5	0	0	28	21	8	29	18	12	C
A	28	8	20	29	12	17	0	0	18	741	2264	386	133	36	8	0	0	28	20	8	29	17	12	C
A	28	9	20	29	13	17	0	0	9	226	1062	386	133	36	8	0	0	28	20	9	29	17	13	C
A	28	9	19	29	13	16	0	0	9	249	6354	749	237	62	14	1	0	28	19	9	29	16	13	C
A	28	10	19	29	14	16	0	0	5	121	1345	736	237	62	14	1	0	28	19	10	29	16	14	C
A	28	10	18	29	14	15	0	0	5	121	6088	1662	422	107	24	1	0	28	18	10	29	15	14	C
A	28	11	18	29	15	15	0	0	3	66	1111	1365	422	107	24	1	0	28	18	11	29	15	15	C
A	28	11	17	29	15	14	0	0	3	66	2159	5163	754	181	41	2	0	28	17	11	29	14	15	C
A	28	12	17	29	16	14	0	0	2	38	681	2167	753	181	41	2	0	28	17	12	29	14	16	C
A	28	12	16	29	16	13	0	0	2	38	764	11987	1396	308	68	4	0	28	16	12	29	13	16	C
A	28	13	16	29	17	13	0	0	1	22	381	2444	1360	308	68	4	0	28	16	13	29	13	17	C
A	28	13	15	29	17	12	0	0	1	22	385	8972	3100	527	113	7	0	28	15	13	29	12	17	C
A	28	14	15	29	18	12	0	0	1	13	216	1856	2387	527	113	7	0	28	15	14	29	12	18	C
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A	28	15	14	29	19	11	0	0	0	8	125	1101	3509	918	191	11	0	28	14	15	29	11	19	C
A	28	15	13	29	19	10	0	0	0	8	125	1175	18633	1665	326	19	0	28	13	15	29	10	19	C
A	28	16	13	29	20	10	0	0	0	5	73	611	3570	1639	326	19	0	28	13	16	29	10	20	C
A	28	16	12	29	20	9	0	0	0	5	73	614	10860	3521	569	32	0	28	12	16	29	9	20	C
A	28	17	12	29	21	9	0	0	0	3	43	341	2460	2913	569	32	0	28	12	17	29	9	21	C
A	28	17	11	29	21	8	0	0	0	3	43	341	3406	10860	1031	56	0	28	11	17	29	8	21	C
A	28	18	11	29	22	8	0	0	0	2	25	191	1363	4450	1028	56	0	28	11	18	29	8	22	C
A	28	18	10	29	22	7	0	0	0	2	25	191	1412	24867	2007	102	0	28	10	18	29	7	22	C

												κ												
	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	28	19	10	29	23	7	0	0	0	1	14	106	711	4634	1930	102	0	28	10	19	29	7	23	C
A	28	19	9	29	23	6	0	0	0	1	14	106	713	15804	5152	195	0	28	9	19	29	6	23	C
A	28	20	9	29	24	6	0	0	0	1	8	57	365	3057	3507	195	0	28	9	20	29	6	24	C
A	28	20	8	29	24	5	0	0	0	1	8	57	365	4471	18339	397	0	28	8	20	29	5	24	C
A	28	21	8	29	25	5	0	0	0	0	4	29	181	1503	4827	397	0	28	8	21	29	5	25	C
A	28	21	7	29	25	4	0	0	0	0	4	29	181	1566	27923	904	0	28	7	21	29	4	25	C
A	28	22	7	29	26	4	0	0	0	0	2	14	84	651	3819	877	0	28	7	22	29	4	26	C
A	28	22	6	29	26	3	0	0	0	0	2	14	84	652	9450	2909	0	28	6	22	29	3	26	C
A	28	23	6	29	27	3	0	0	0	0	1	6	35	254	1727	1931	0	28	6	23	29	3	27	C
A	28	23	5	29	27	2	0	0	0	0	1	6	35	254	2051	14786	0	28	5	23	29	2	27	C
A	28	24	5	29	28	2	0	0	0	0	0	2	12	82	530	2776	0	28	5	24	29	2	28	C
A	28	24	4	29	28	1	0	0	0	0	0	2	12	82	536	23904	0	28	4	24	29	1	28	C
A	28	25	4	29	29	1	0	0	0	0	0	0	3	17	102	1288	0	28	4	25	29	1	29	C
A	28	25	3	29	29	0	0	0	0	0	0	0	3	17	102	3660	0	28	3	25	29	0	29	C
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B	28	1	27	29	6	24	0	232	171	30	7	2	1	0	0	0	0	28	27	1	29	24	6	B
B	28	2	26	29	7	23	0	48	630	116	24	7	2	1	0	0	0	28	26	2	29	23	7	B
B	28	3	25	29	8	22	0	5	1218	357	68	20	6	1	0	0	0	28	25	3	29	22	8	B
B	28	4	24	29	9	21	0	1	986	940	166	47	14	3	1	0	0	28	24	4	29	21	9	B
B	28	5	23	29	10	20	0	0	266	1898	377	102	30	7	1	0	0	28	23	5	29	20	10	B
B	28	6	22	29	11	19	0	0	50	2288	820	206	60	13	3	0	0	28	22	6	29	19	11	B
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B	28	8	20	29	13	17	0	0	6	284	3001	771	204	45	9	1	0	28	20	8	29	17	13	B
B	28	9	19	29	14	16	0	0	3	76	3550	1470	365	78	16	1	0	28	19	9	29	16	14	B
B	28	10	18	29	15	15	0	0	1	30	2047	2720	648	133	27	1	0	28	18	10	29	15	15	B
B	28	11	17	29	16	14	0	0	1	13	547	4252	1158	227	45	2	0	28	17	11	29	14	16	B
B	28	12	16	29	17	13	0	0	0	6	154	4309	2089	385	75	4	0	28	16	12	29	13	17	B
B	28	13	15	29	18	12	0	0	0	3	63	2034	3654	658	126	7	0	28	15	13	29	12	18	B
B	28	14	14	29	19	11	0	0	0	2	29	513	5242	1146	212	11	0	28	14	14	29	11	19	B
B	28	15	13	29	20	10	0	0	0	1	14	161	4547	2046	362	19	0	28	13	15	29	10	20	B
B	28	16	12	29	21	9	0	0	0	0	7	67	1714	3628	632	33	0	28	12	16	29	9	21	B
B	28	17	11	29	22	8	0	0	0	0	3	30	404	5439	1142	58	0	28	11	17	29	8	22	B
B	28	18	10	29	23	7	0	0	0	0	1	13	129	4952	2142	105	0	28	10	18	29	7	23	B
B	28	19	9	29	24	6	0	0	0	0	1	6	50	1834	3875	200	0	28	9	19	29	6	24	B
B	28	20	8	29	25	5	0	0	0	0	0	2	20	361	5140	407	0	28	8	20	29	5	25	B
B	28	21	7	29	26	4	0	0	0	0	0	1	7	89	3109	899	0	28	7	21	29	4	26	B
B	28	22	6	29	27	3	0	0	0	0	0	0	2	25	593	1976	0	28	6	22	29	3	27	B
B	28	23	5	29	28	2	0	0	0	0	0	0	1	6	73	2775	0	28	5	23	29	2	28	B
B	28	24	4	29	29	1	0	0	0	0	0	0	0	1	8	988	0	28	4	24	29	1	29	B
												$\Delta\tau$ = 9												
C	28	0	28	29	5	24	0	173	3	0	0	0	0	0	0	0	0	28	28	0	29	24	5	A
C	28	1	28	29	6	24	0	10	2	0	0	0	0	0	0	0	0	28	28	1	29	24	6	A
C	28	1	27	29	6	23	0	226	39	2	0	0	0	0	0	0	0	28	27	1	29	23	6	A
C	28	2	27	29	7	23	0	10	19	2	0	0	0	0	0	0	0	28	27	2	29	23	7	A
C	28	2	26	29	7	22	0	47	366	9	1	0	0	0	0	0	0	28	26	2	29	22	7	A
C	28	3	26	29	8	22	0	4	66	9	1	0	0	0	0	0	0	28	26	3	29	22	8	A
C	28	3	25	29	8	21	0	5	1029	45	3	0	0	0	0	0	0	28	25	3	29	21	8	A
C	28	4	25	29	9	21	0	1	102	36	3	0	0	0	0	0	0	28	25	4	29	21	9	A
C	28	4	24	29	9	20	0	1	883	277	9	1	0	0	0	0	0	28	24	4	29	20	9	A
C	28	5	24	29	10	20	0	0	76	105	9	1	0	0	0	0	0	28	24	5	29	20	10	A
C	28	5	23	29	10	19	0	0	240	1169	26	3	0	0	0	0	0	28	23	5	29	19	10	A
C	28	6	23	29	11	19	0	0	34	190	26	3	0	0	0	0	0	28	23	6	29	19	11	A
C	28	6	22	29	11	18	0	0	45	1766	81	7	1	0	0	0	0	28	22	6	29	18	11	A
C	28	7	22	29	12	18	0	0	13	195	70	7	1	0	0	0	0	28	22	7	29	18	12	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	28	7	21	29	12	17	0	0	14	962	351	18	2	0	0	0	0	28	21	7	29	17	12	A
C	28	8	21	29	13	17	0	0	5	120	164	18	2	0	0	0	0	28	21	8	29	17	13	A
C	28	8	20	29	13	16	0	0	5	227	1362	44	4	0	0	0	0	28	20	8	29	16	13	A
C	28	9	20	29	14	16	0	0	2	55	271	43	4	0	0	0	0	28	20	9	29	16	14	A
C	28	9	19	29	14	15	0	0	2	61	2177	123	9	1	0	0	0	28	19	9	29	15	14	A
C	28	10	19	29	15	15	0	0	1	24	279	101	9	1	0	0	0	28	19	10	29	15	15	A
C	28	10	18	29	15	14	0	0	1	24	1324	492	21	1	0	0	0	28	18	10	29	14	15	A
C	28	11	18	29	16	14	0	0	0	11	182	204	21	1	0	0	0	28	18	11	29	14	16	A
C	28	11	17	29	16	13	0	0	0	11	355	1590	47	2	0	0	0	28	17	11	29	13	16	A
C	28	12	17	29	17	13	0	0	0	5	89	294	46	2	0	0	0	28	17	12	29	13	17	A
C	28	12	16	29	17	12	0	0	0	5	100	2062	131	5	0	0	0	28	16	12	29	12	17	A
C	28	13	16	29	18	12	0	0	0	2	41	267	101	5	0	0	0	28	16	13	29	12	18	A
C	28	13	15	29	18	11	0	0	0	2	41	1014	520	10	0	0	0	28	15	13	29	11	18	A
C	28	14	15	29	19	11	0	0	0	1	19	159	187	10	0	0	0	28	15	14	29	11	19	A
C	28	14	14	29	19	10	0	0	0	1	19	257	1459	23	1	0	0	28	14	14	29	10	19	A
C	28	15	14	29	20	10	0	0	0	1	9	75	241	23	1	0	0	28	14	15	29	10	20	A
C	28	15	13	29	20	9	0	0	0	1	9	80	1544	61	2	0	0	28	13	15	29	9	20	A
C	28	16	13	29	21	9	0	0	0	0	4	33	192	50	2	0	0	28	13	16	29	9	21	A
C	28	16	12	29	21	8	0	0	0	0	4	34	599	244	4	0	0	28	12	16	29	8	21	A
C	28	17	12	29	22	8	0	0	0	0	2	15	102	99	4	0	0	28	12	17	29	8	22	A
C	28	17	11	29	22	7	0	0	0	0	2	15	141	804	11	0	0	28	11	17	29	7	22	A
C	28	18	11	29	23	7	0	0	0	0	1	7	44	132	10	0	0	28	11	18	29	7	23	A
C	28	18	10	29	23	6	0	0	0	0	1	7	45	951	36	0	0	28	10	18	29	6	23	A
C	28	19	10	29	24	6	0	0	0	0	0	3	18	104	24	0	0	28	10	19	29	6	24	A
C	28	19	9	29	24	5	0	0	0	0	0	3	18	366	174	0	0	28	9	19	29	5	24	A
C	28	20	9	29	25	5	0	0	0	0	0	1	7	49	45	0	0	28	9	20	29	5	25	A
C	28	20	8	29	25	4	0	0	0	0	0	1	7	72	442	1	0	28	8	20	29	4	25	A
C	28	21	8	29	26	4	0	0	0	0	0	0	2	17	47	1	0	28	8	21	29	4	26	A
C	28	21	7	29	26	3	0	0	0	0	0	0	2	18	307	3	0	28	7	21	29	3	26	A
C	28	22	7	29	27	3	0	0	0	0	0	0	1	5	24	2	0	28	7	22	29	3	27	A
C	28	22	6	29	27	2	0	0	0	0	0	0	1	5	59	20	0	28	6	22	29	2	27	A
C	28	23	6	29	28	2	0	0	0	0	0	0	0	1	6	4	0	28	6	23	29	2	28	A
C	28	23	5	29	28	1	0	0	0	0	0	0	0	1	7	61	0	28	5	23	29	1	28	A
C	28	24	5	29	29	1	0	0	0	0	0	0	0	0	1	3	0	28	5	24	29	1	29	A
C	28	24	4	29	29	0	0	0	0	0	0	0	0	0	1	25	0	28	4	24	29	0	29	A
												$\Delta\tau$ = 10												
B	28	1	28	29	6	23	0	10	1	0	0	0	0	0	0	0	0	28	28	1	29	23	6	B
B	28	2	27	29	7	22	0	10	14	0	0	0	0	0	0	0	0	28	27	2	29	22	7	B
B	28	3	26	29	8	21	0	4	69	2	0	0	0	0	0	0	0	28	26	3	29	21	8	B
B	28	4	25	29	9	20	0	1	113	17	0	0	0	0	0	0	0	28	25	4	29	20	9	B
B	28	5	24	29	10	19	0	0	84	101	1	0	0	0	0	0	0	28	24	5	29	19	10	B
B	28	6	23	29	11	18	0	0	38	229	6	0	0	0	0	0	0	28	23	6	29	18	11	B
B	28	7	22	29	12	17	0	0	15	242	34	1	0	0	0	0	0	28	22	7	29	17	12	B
B	28	8	21	29	13	16	0	0	6	150	176	4	0	0	0	0	0	28	21	8	29	16	13	B
B	28	9	20	29	14	15	0	0	3	69	392	15	1	0	0	0	0	28	20	9	29	15	14	B
B	28	10	19	29	15	14	0	0	1	30	426	73	2	0	0	0	0	28	19	10	29	14	15	B
B	28	11	18	29	16	13	0	0	1	13	280	305	7	0	0	0	0	28	18	11	29	13	16	B
B	28	12	17	29	17	12	0	0	0	6	138	561	23	1	0	0	0	28	17	12	29	12	17	B
B	28	13	16	29	18	11	0	0	0	3	63	530	117	2	0	0	0	28	16	13	29	11	18	B
B	28	14	15	29	19	10	0	0	0	2	29	319	424	5	0	0	0	28	15	14	29	10	19	B
B	28	15	14	29	20	9	0	0	0	1	14	150	665	17	0	0	0	28	14	15	29	9	20	B
B	28	16	13	29	21	8	0	0	0	0	7	67	547	84	1	0	0	28	13	16	29	8	21	B
B	28	17	12	29	22	7	0	0	0	0	3	30	291	363	4	0	0	28	12	17	29	7	22	B
B	28	18	11	29	23	6	0	0	0	0	1	13	125	633	17	0	0	28	11	18	29	6	23	B
B	28	19	10	29	24	5	0	0	0	0	1	6	50	517	109	0	0	28	10	19	29	5	24	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	28	20	9	29	25	4	0	0	0	0	0	2	19	246	382	0	0	28	9	20	29	4	25	B
B	28	21	8	29	26	3	0	0	0	0	0	1	7	85	459	3	0	28	8	21	29	3	26	B
B	28	22	7	29	27	2	0	0	0	0	0	0	2	25	237	27	0	28	7	22	29	2	27	B
B	28	23	6	29	28	1	0	0	0	0	0	0	1	6	62	127	0	28	6	23	29	1	28	B
B	28	24	5	29	29	0	0	0	0	0	0	0	0	1	8	100	0	28	5	24	29	0	29	B
												Δτ = 11												
A	28	1	27	29	7	22	0	0	1	0	0	0	0	0	0	0	0	28	27	1	29	22	7	C
A	28	2	26	29	8	21	0	0	7	0	0	0	0	0	0	0	0	28	26	2	29	21	8	C
A	28	3	26	29	9	21	0	0	1	0	0	0	0	0	0	0	0	28	26	3	29	21	9	C
A	28	3	25	29	9	20	0	0	11	3	0	0	0	0	0	0	0	28	25	3	29	20	9	C
A	28	4	25	29	10	20	0	0	1	1	0	0	0	0	0	0	0	28	25	4	29	20	10	C
A	28	4	24	29	10	19	0	0	7	20	1	0	0	0	0	0	0	28	24	4	29	19	10	C
A	28	5	24	29	11	19	0	0	0	3	1	0	0	0	0	0	0	28	24	5	29	19	11	C
A	28	5	23	29	11	18	0	0	1	45	2	0	0	0	0	0	0	28	23	5	29	18	11	C
A	28	6	23	29	12	18	0	0	0	5	2	0	0	0	0	0	0	28	23	6	29	18	12	C
A	28	6	22	29	12	17	0	0	0	45	12	1	0	0	0	0	0	28	22	6	29	17	12	C
A	28	7	22	29	13	17	0	0	0	4	6	1	0	0	0	0	0	28	22	7	29	17	13	C
A	28	7	21	29	13	16	0	0	0	18	61	2	0	0	0	0	0	28	21	7	29	16	13	C
A	28	8	21	29	14	16	0	0	0	2	12	2	0	0	0	0	0	28	21	8	29	16	14	C
A	28	8	20	29	14	15	0	0	0	3	136	7	1	0	0	0	0	28	20	8	29	15	14	C
A	28	9	20	29	15	15	0	0	0	1	16	6	1	0	0	0	0	28	20	9	29	15	15	C
A	28	9	19	29	15	14	0	0	0	1	138	37	2	0	0	0	0	28	19	9	29	14	15	C
A	28	10	19	29	16	14	0	0	0	0	13	15	2	0	0	0	0	28	19	10	29	14	16	C
A	28	10	18	29	16	13	0	0	0	0	63	152	4	0	0	0	0	28	18	10	29	13	16	C
A	28	11	18	29	17	13	0	0	0	0	7	28	4	0	0	0	0	28	18	11	29	13	17	C
A	28	11	17	29	17	12	0	0	0	0	14	276	15	1	0	0	0	28	17	11	29	12	17	C
A	28	12	17	29	18	12	0	0	0	0	3	32	12	1	0	0	0	28	17	12	29	12	18	C
A	28	12	16	29	18	11	0	0	0	0	3	235	76	2	0	0	0	28	16	12	29	11	18	C
A	28	13	16	29	19	11	0	0	0	0	1	23	27	2	0	0	0	28	16	13	29	11	19	C
A	28	13	15	29	19	10	0	0	0	0	1	88	275	4	0	0	0	28	15	13	29	10	19	C
A	28	14	15	29	20	10	0	0	0	0	0	11	44	4	0	0	0	28	15	14	29	10	20	C
A	28	14	14	29	20	9	0	0	0	0	0	18	421	13	0	0	0	28	14	14	29	9	20	C
A	28	15	14	29	21	9	0	0	0	0	0	4	45	11	0	0	0	28	14	15	29	9	21	C
A	28	15	13	29	21	8	0	0	0	0	0	4	296	68	1	0	0	28	13	15	29	8	21	C
A	28	16	13	29	22	8	0	0	0	0	0	1	27	27	1	0	0	28	13	16	29	8	22	C
A	28	16	12	29	22	7	0	0	0	0	0	1	86	290	4	0	0	28	12	16	29	7	22	C
A	28	17	12	29	23	7	0	0	0	0	0	1	11	47	4	0	0	28	12	17	29	7	23	C
A	28	17	11	29	23	6	0	0	0	0	0	1	16	497	15	0	0	28	11	17	29	6	23	C
A	28	18	11	29	24	6	0	0	0	0	0	0	4	48	10	0	0	28	11	18	29	6	24	C
A	28	18	10	29	24	5	0	0	0	0	0	0	4	355	98	0	0	28	10	18	29	5	24	C
A	28	19	10	29	25	5	0	0	0	0	0	0	1	27	25	0	0	28	10	19	29	5	25	C
A	28	19	9	29	25	4	0	0	0	0	0	0	1	95	343	0	0	28	9	19	29	4	25	C
A	28	20	9	29	26	4	0	0	0	0	0	0	0	9	35	0	0	28	9	20	29	4	26	C
A	28	20	8	29	26	3	0	0	0	0	0	0	0	13	397	2	0	28	8	20	29	3	26	C
A	28	21	8	29	27	3	0	0	0	0	0	0	0	2	23	2	0	28	8	21	29	3	27	C
A	28	21	7	29	27	2	0	0	0	0	0	0	0	2	156	26	0	28	7	21	29	2	27	C
A	28	22	7	29	28	2	0	0	0	0	0	0	0	0	7	5	0	28	7	22	29	2	28	C
A	28	22	6	29	28	1	0	0	0	0	0	0	0	0	17	124	0	28	6	22	29	1	28	C
A	28	23	6	29	29	1	0	0	0	0	0	0	0	0	1	5	0	28	6	23	29	1	29	C
A	28	23	5	29	29	0	0	0	0	0	0	0	0	0	1	96	0	28	5	23	29	0	29	C
												Δτ = 12												
B	28	1	27	29	8	22	0	0	2	0	0	0	0	0	0	0	0	28	27	1	29	22	8	B
B	28	2	26	29	9	21	0	0	7	1	0	0	0	0	0	0	0	28	26	2	29	21	9	B
B	28	3	25	29	10	20	0	0	8	6	0	0	0	0	0	0	0	28	25	3	29	20	10	B
B	28	4	24	29	11	19	0	0	4	16	1	0	0	0	0	0	0	28	24	4	29	19	11	B

$J\ K_{-1}K_{+1} - J\ K_{-1}K_{+1}$	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	$J\ K_{-1}K_{+1} - J\ K_{-1}K_{+1}$
B 28 5 23 29 12 18	0	0	1	23	5	0	0	0	0	0	0	28 23 5 29 18 12 B
B 28 6 22 29 13 17	0	0	0	17	16	1	0	0	0	0	0	28 22 6 29 17 13 B
B 28 7 21 29 14 16	0	0	0	6	35	4	0	0	0	0	0	28 21 7 29 16 14 B
B 28 8 20 29 15 15	0	0	0	1	46	12	1	0	0	0	0	28 20 8 29 15 15 B
B 28 9 19 29 16 14	0	0	0	0	35	30	2	0	0	0	0	28 19 9 29 14 16 B
B 28 10 18 29 17 13	0	0	0	0	13	55	7	0	0	0	0	28 18 10 29 13 17 B
B 28 11 17 29 18 12	0	0	0	0	2	63	18	1	0	0	0	28 17 11 29 12 18 B
B 28 12 16 29 19 11	0	0	0	0	0	41	42	2	0	0	0	28 16 12 29 11 19 B
B 28 13 15 29 20 10	0	0	0	0	0	12	68	5	0	0	0	28 15 13 29 10 20 B
B 28 14 14 29 21 9	0	0	0	0	0	2	67	14	0	0	0	28 14 14 29 9 21 B
B 28 15 13 29 22 8	0	0	0	0	0	0	35	34	1	0	0	28 13 15 29 8 22 B
B 28 16 12 29 23 7	0	0	0	0	0	0	8	59	4	0	0	28 12 16 29 7 23 B
B 28 17 11 29 24 6	0	0	0	0	0	0	1	58	12	0	0	28 11 17 29 6 24 B
B 28 18 10 29 25 5	0	0	0	0	0	0	0	29	28	0	0	28 10 18 29 5 25 B
B 28 19 9 29 26 4	0	0	0	0	0	0	0	5	39	0	0	28 9 19 29 4 26 B
B 28 20 8 29 27 3	0	0	0	0	0	0	0	1	25	2	0	28 8 20 29 3 27 B
B 28 21 7 29 28 2	0	0	0	0	0	0	0	0	6	5	0	28 7 21 29 2 28 B
B 28 22 6 29 29 1	0	0	0	0	0	0	0	0	0	5	0	28 6 22 29 1 29 B
						$\Delta\tau = 13$						
C 28 1 27 29 8 21	0	0	2	0	0	0	0	0	0	0	0	28 27 1 29 21 8 A
C 28 2 26 29 9 20	0	0	6	0	0	0	0	0	0	0	0	28 26 2 29 20 9 A
C 28 3 25 29 10 19	0	0	7	4	0	0	0	0	0	0	0	28 25 3 29 19 10 A
C 28 4 25 29 11 19	0	0	0	1	0	0	0	0	0	0	0	28 25 4 29 19 11 A
C 28 4 24 29 11 18	0	0	3	13	0	0	0	0	0	0	0	28 24 4 29 18 11 A
C 28 5 24 29 12 18	0	0	0	1	0	0	0	0	0	0	0	28 24 5 29 18 12 A
C 28 5 23 29 12 17	0	0	1	18	1	0	0	0	0	0	0	28 23 5 29 17 12 A
C 28 6 23 29 13 17	0	0	0	1	1	0	0	0	0	0	0	28 23 6 29 17 13 A
C 28 6 22 29 13 16	0	0	0	14	7	0	0	0	0	0	0	28 22 6 29 16 13 A
C 28 7 22 29 14 16	0	0	0	1	1	0	0	0	0	0	0	28 22 7 29 16 14 A
C 28 7 21 29 14 15	0	0	0	4	21	0	0	0	0	0	0	28 21 7 29 15 14 A
C 28 8 21 29 15 15	0	0	0	0	3	0	0	0	0	0	0	28 21 8 29 15 15 A
C 28 8 20 29 15 14	0	0	0	1	30	2	0	0	0	0	0	28 20 8 29 14 15 A
C 28 9 20 29 16 14	0	0	0	0	3	1	0	0	0	0	0	28 20 9 29 14 16 A
C 28 9 19 29 16 13	0	0	0	0	23	11	0	0	0	0	0	28 19 9 29 13 16 A
C 28 10 19 29 17 13	0	0	0	0	2	2	0	0	0	0	0	28 19 10 29 13 17 A
C 28 10 18 29 17 12	0	0	0	0	8	26	0	0	0	0	0	28 18 10 29 12 17 A
C 28 11 18 29 18 12	0	0	0	0	1	3	0	0	0	0	0	28 18 11 29 12 18 A
C 28 11 17 29 18 11	0	0	0	0	1	31	3	0	0	0	0	28 17 11 29 11 18 A
C 28 12 17 29 19 11	0	0	0	0	0	3	1	0	0	0	0	28 17 12 29 11 19 A
C 28 12 16 29 19 10	0	0	0	0	0	20	12	0	0	0	0	28 16 12 29 10 19 A
C 28 13 16 29 20 10	0	0	0	0	0	2	2	0	0	0	0	28 16 13 29 10 20 A
C 28 13 15 29 20 9	0	0	0	0	0	6	23	0	0	0	0	28 15 13 29 9 20 A
C 28 14 15 29 21 9	0	0	0	0	0	1	2	0	0	0	0	28 15 14 29 9 21 A
C 28 14 14 29 21 8	0	0	0	0	0	1	23	1	0	0	0	28 14 14 29 8 21 A
C 28 15 14 29 22 8	0	0	0	0	0	0	2	0	0	0	0	28 14 15 29 8 22 A
C 28 15 13 29 22 7	0	0	0	0	0	0	12	5	0	0	0	28 13 15 29 7 22 A
C 28 16 13 29 23 7	0	0	0	0	0	0	1	1	0	0	0	28 13 16 29 7 23 A
C 28 16 12 29 23 6	0	0	0	0	0	0	3	11	0	0	0	28 12 16 29 6 23 A
C 28 17 12 29 24 6	0	0	0	0	0	0	0	1	0	0	0	28 12 17 29 6 24 A
C 28 17 11 29 24 5	0	0	0	0	0	0	0	12	1	0	0	28 11 17 29 5 24 A
C 28 18 11 29 25 5	0	0	0	0	0	0	0	1	0	0	0	28 11 18 29 5 25 A
C 28 18 10 29 25 4	0	0	0	0	0	0	0	6	2	0	0	28 10 18 29 4 25 A
C 28 19 9 29 26 3	0	0	0	0	0	0	0	1	4	0	0	28 9 19 29 3 26 A
C 28 20 8 29 27 2	0	0	0	0	0	0	0	0	3	0	0	28 8 20 29 2 27 A
C 28 21 7 29 28 1	0	0	0	0	0	0	0	0	1	0	0	28 7 21 29 1 28 A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
												Δτ = 14												
B	28	4	25	29	11	18	0	0	0	1	0	0	0	0	0	0	0	28	25	4	29	18	11	B
B	28	5	24	29	12	17	0	0	0	2	0	0	0	0	0	0	0	28	24	5	29	17	12	B
B	28	6	23	29	13	16	0	0	0	2	1	0	0	0	0	0	0	28	23	6	29	16	13	B
B	28	7	22	29	14	15	0	0	0	1	2	0	0	0	0	0	0	28	22	7	29	15	14	B
B	28	8	21	29	15	14	0	0	0	0	4	0	0	0	0	0	0	28	21	8	29	14	15	B
B	28	9	20	29	16	13	0	0	0	0	4	1	0	0	0	0	0	28	20	9	29	13	16	B
B	28	10	19	29	17	12	0	0	0	0	3	4	0	0	0	0	0	28	19	10	29	12	17	B
B	28	11	18	29	18	11	0	0	0	0	1	6	0	0	0	0	0	28	18	11	29	11	18	B
B	28	12	17	29	19	10	0	0	0	0	0	6	2	0	0	0	0	28	17	12	29	10	19	B
B	28	13	16	29	20	9	0	0	0	0	0	3	5	0	0	0	0	28	16	13	29	9	20	B
B	28	14	15	29	21	8	0	0	0	0	0	1	7	0	0	0	0	28	15	14	29	8	21	B
B	28	15	14	29	22	7	0	0	0	0	0	0	5	1	0	0	0	28	14	15	29	7	22	B
B	28	16	13	29	23	6	0	0	0	0	0	0	3	4	0	0	0	28	13	16	29	6	23	B
B	28	17	12	29	24	5	0	0	0	0	0	0	1	5	0	0	0	28	12	17	29	5	24	B
B	28	18	11	29	25	4	0	0	0	0	0	0	0	4	1	0	0	28	11	18	29	4	25	B
B	28	19	10	29	26	3	0	0	0	0	0	0	0	2	2	0	0	28	10	19	29	3	26	B
B	28	20	9	29	27	2	0	0	0	0	0	0	0	0	2	0	0	28	9	20	29	2	27	B
B	28	21	8	29	28	1	0	0	0	0	0	0	0	0	1	0	0	28	8	21	29	1	28	B
												Δτ = 15												
A	28	6	22	29	14	15	0	0	0	0	1	0	0	0	0	0	0	28	22	6	29	15	14	C
A	28	7	21	29	15	14	0	0	0	0	1	0	0	0	0	0	0	28	21	7	29	14	15	C
A	28	8	20	29	16	13	0	0	0	0	1	1	0	0	0	0	0	28	20	8	29	13	16	C
A	28	9	19	29	17	12	0	0	0	0	1	2	0	0	0	0	0	28	19	9	29	12	17	C
A	28	10	18	29	18	11	0	0	0	0	0	3	0	0	0	0	0	28	18	10	29	11	18	C
A	28	11	17	29	19	10	0	0	0	0	0	3	1	0	0	0	0	28	17	11	29	10	19	C
A	28	12	16	29	20	9	0	0	0	0	0	1	3	0	0	0	0	28	16	12	29	9	20	C
A	28	13	15	29	21	8	0	0	0	0	0	0	4	0	0	0	0	28	15	13	29	8	21	C
A	28	14	14	29	22	7	0	0	0	0	0	0	3	1	0	0	0	28	14	14	29	7	22	C
A	28	15	13	29	23	6	0	0	0	0	0	0	1	3	0	0	0	28	13	15	29	6	23	C
A	28	16	12	29	24	5	0	0	0	0	0	0	0	4	0	0	0	28	12	16	29	5	24	C
A	28	17	11	29	25	4	0	0	0	0	0	0	0	3	1	0	0	28	11	17	29	4	25	C
A	28	18	10	29	26	3	0	0	0	0	0	0	0	1	2	0	0	28	10	18	29	3	26	C
A	28	19	9	29	27	2	0	0	0	0	0	0	0	0	2	0	0	28	9	19	29	2	27	C
A	28	20	8	29	28	1	0	0	0	0	0	0	0	0	1	0	0	28	8	20	29	1	28	C
												Δτ = 16												
B	28	10	18	29	19	11	0	0	0	0	0	1	0	0	0	0	0	28	18	10	29	11	19	B
B	28	12	16	29	21	9	0	0	0	0	0	0	1	0	0	0	0	28	16	12	29	9	21	B
B	28	13	15	29	22	8	0	0	0	0	0	0	1	0	0	0	0	28	15	13	29	8	22	B
J=29			ΔJ = 0																					
												Δτ = 1												
A	29	15	15	29	15	14	1525862	1525001	1510883	1457541	1252075	662311	696606	902703	1015589	1093794	1118966	29	15	15	29	14	15	C
C	29	15	14	29	16	14	1068103	1045827	976790	878093	705687	500345	990388	1248558	1311648	1328188	1329195	29	14	15	29	14	16	A
A	29	16	14	29	16	13	1736092	1735352	1723234	1677730	1507907	1031765	664684	918000	1048668	1137842	1166437	29	14	16	29	13	16	C
C	29	16	13	29	17	13	1013851	994072	932887	845969	698015	503225	703738	1049709	1125369	1144906	1146092	29	13	16	29	13	17	A
A	29	17	13	29	17	12	1959885	1959247	1948810	1909779	1766836	1406336	671523	920935	1075120	1177779	1210517	29	13	17	29	12	17	C
C	29	17	12	29	18	12	956207	938626	884309	807480	678751	519057	443725	859035	951807	975142	976552	29	12	17	29	12	18	A
A	29	18	12	29	18	11	2197241	2196691	2187689	2154122	2032666	1742778	928049	905834	1093535	1213328	1251207	29	12	18	29	11	18	C
C	29	18	11	29	19	11	895172	879559	831365	763400	650667	516163	346231	672096	790580	818878	820575	29	11	18	29	11	19	A
A	29	19	11	29	19	10	2448161	2447686	2439928	2411058	2307436	2067358	1429332	863768	1101583	1244069	1288506	29	11	19	29	10	19	C
C	29	19	10	29	20	10	830747	816924	774284	714277	615404	500070	348499	477745	641026	676086	678161	29	10	19	29	10	20	A
A	29	20	10	29	20	9	2712644	2712236	2705571	2680802	2592391	2391240	1904542	843914	1095074	1269335	1322414	29	10	20	29	9	20	C
C	29	20	9	29	21	9	762931	750761	713237	660509	574015	474493	350095	292102	501838	546722	549310	29	9	20	29	9	21	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	29	21	9	29	21	8	2990690	2990341	2984648	2963511	2888359	2719379	2329271	1111453	1065847	1288022	1352931	29	9	21	29	8	21	C
C	29	21	8	29	22	8	691724	681100	648356	602391	527221	441472	337440	205732	369700	430707	434023	29	8	21	29	8	22	A
A	29	22	8	29	22	7	3282299	3282004	3277184	3259306	3195915	3054514	2736375	1760661	1007784	1298158	1380057	29	8	22	29	7	22	C
C	29	22	7	29	23	7	617126	607966	579742	540151	475539	402241	314797	195402	238007	327894	332299	29	7	22	29	7	23	A
A	29	23	7	29	23	6	3587471	3587225	3583200	3568279	3515479	3398352	3138963	2415043	1066757	1295889	1403793	29	7	23	29	6	23	C
C	29	23	6	29	24	6	539138	531379	507475	473962	419347	357615	284690	188997	135309	237971	244138	29	6	23	29	6	24	A
A	29	24	6	29	24	5	3906207	3906005	3902711	3890503	3847366	3752045	3543111	2987124	1625658	1272965	1424138	29	6	24	29	5	24	C
C	29	24	5	29	25	5	457759	451352	431619	403963	358937	308162	248536	172143	100244	160081	169540	29	5	24	29	5	25	A
A	29	25	5	29	25	4	4238506	4238345	4235729	4226035	4191816	4116411	3952269	3526326	2554938	1220268	1441092	29	5	25	29	4	25	C
C	29	25	4	29	26	4	372989	367899	352225	330264	294531	254297	207218	147646	91164	91924	108506	29	4	25	29	4	26	A
A	29	26	4	29	26	3	4584368	4584246	4582264	4574920	4549019	4492053	4368633	4053112	3384106	1322044	1454655	29	4	26	29	3	26	C
C	29	26	3	29	27	3	284828	281030	269335	252952	226306	196331	161332	117334	76685	42732	61034	29	3	26	29	3	27	A
A	29	27	3	29	27	2	4943793	4943708	4942324	4937197	4919124	4879429	4793706	4576584	4131121	2203363	1464828	29	3	27	29	2	27	C
C	29	27	2	29	28	2	193276	190753	182983	172100	154403	134507	111303	82231	55689	24020	27126	29	2	27	29	2	28	A
A	29	28	2	29	28	1	5316781	5316732	5315916	5312896	5302252	5278898	5228567	5101815	4846024	3780971	1471609	29	2	28	29	1	28	C
C	29	28	1	29	29	1	98333	97074	93197	87766	78936	69012	57445	42974	29826	13837	6782	29	1	28	29	1	29	A
A	29	29	1	29	29	0	5703211	5703313	5703043	5702036	5698503	5690741	5674025	5631999	5547627	5212345	2950000	29	1	29	29	0	29	C
												$\Delta\tau$ = 2												
B	29	14	15	29	15	14	1118966	1144392	1226768	1355067	1614022	2308868	1614022	1355067	1226768	1144392	1118966	29	15	14	29	14	15	B
B	29	15	15	29	16	14	1068103	1090621	1163588	1276864	1500397	1787817	1611902	1355067	1226768	1144392	1118966	29	15	15	29	14	16	B
B	29	15	14	29	16	13	1068103	1090621	1163588	1276864	1500555	1987473	1753497	1435211	1288788	1195297	1166437	29	14	15	29	13	16	B
B	29	16	14	29	17	13	1013851	1033852	1098685	1199143	1395106	1685031	1724501	1435205	1288788	1195297	1166437	29	14	16	29	13	17	B
B	29	16	13	29	17	12	1013851	1033852	1098685	1199143	1395116	1704074	2057200	1519551	1350451	1243520	1210517	29	13	16	29	12	17	B
B	29	17	13	29	18	12	956207	973993	1031658	1120912	1293737	1550250	1795227	1519459	1350451	1243520	1210517	29	13	17	29	12	18	B
B	29	17	12	29	18	11	956207	973993	1031658	1120912	1293737	1551607	2296968	1612044	1412949	1289328	1251207	29	12	17	29	11	18	B
B	29	18	12	29	19	11	895172	910972	962210	1041467	1194224	1417716	1752003	1610696	1412949	1289328	1251207	29	12	18	29	11	19	B
B	29	18	11	29	19	10	895172	910972	962210	1041467	1194224	1417814	1901774	1725821	1478119	1333121	1288506	29	11	18	29	10	19	B
B	29	19	11	29	20	10	830747	844738	890121	960296	1095155	1290346	1611150	1707007	1478110	1333121	1288506	29	11	19	29	10	20	B
B	29	19	10	29	20	9	830747	844738	890121	960296	1095155	1290352	1623178	1977581	1548983	1375519	1322414	29	10	19	29	9	20	B
B	29	20	10	29	21	9	762931	775251	815221	877016	995551	1165935	1445285	1770941	1548795	1375519	1322414	29	10	20	29	9	21	B
B	29	20	9	29	21	8	762931	775251	815221	877016	995551	1165936	1446080	2310218	1631518	1417523	1352931	29	9	20	29	8	21	B
B	29	21	9	29	22	8	691724	702480	737381	791335	894710	1042655	1282355	1715216	1628425	1417523	1352931	29	9	21	29	8	22	B
B	29	21	8	29	22	7	691724	702480	737381	791335	894710	1042655	1282406	1926441	1755701	1460836	1380057	29	8	21	29	7	22	B
B	29	22	8	29	23	7	617126	626401	656498	703026	792109	919247	1123539	1534204	1708272	1460834	1380057	29	8	22	29	7	23	B
B	29	22	7	29	23	6	617126	626401	656498	703026	792109	919247	1123541	1551624	2116431	1508553	1403793	29	7	22	29	6	23	B
B	29	23	7	29	24	6	539138	546995	572493	611913	687352	794831	966650	1313187	1715457	1508486	1403793	29	7	23	29	6	24	B
B	29	23	6	29	24	5	539138	546995	572493	611913	687352	794831	966650	1314133	2234054	1567265	1424138	29	6	23	29	5	24	B
B	29	24	6	29	25	5	457759	464246	485301	517852	580130	668763	810012	1092405	1546257	1565384	1424138	29	6	24	29	5	25	B
B	29	24	5	29	25	4	457759	464246	485301	517852	580130	668763	810012	1092454	1646139	1666860	1441092	29	5	24	29	4	25	B
B	29	25	5	29	26	4	372989	378142	394869	420730	470201	540561	652480	874904	1254531	1625532	1441092	29	5	25	29	4	26	B
B	29	25	4	29	26	3	372989	378142	394869	420730	470201	540561	652480	874906	1259375	2058502	1454655	29	4	25	29	3	26	B
B	29	26	4	29	27	3	284828	288673	301155	320454	357368	409850	493243	658423	940088	1578529	1454655	29	4	26	29	3	27	B
B	29	26	3	29	27	2	284828	288673	301155	320454	357368	409850	493243	658423	940269	2222880	1464828	29	3	26	29	2	27	B
B	29	27	3	29	28	2	193276	195831	204124	216947	241474	276337	331703	441185	627135	1213990	1464828	29	3	27	29	2	28	B
B	29	27	2	29	28	1	193276	195831	204124	216947	241474	276337	331703	441185	627139	1313442	1471609	29	2	27	29	1	28	B
B	29	28	2	29	29	1	98333	99608	103747	110147	122387	139784	167407	221990	314543	626678	1471609	29	2	28	29	1	29	B
B	29	28	1	29	29	0	98334	99608	103747	110147	122387	139784	167407	221990	314543	628616	2950000	29	1	28	29	0	29	B
												$\Delta\tau$ = 3												
A	29	14	15	29	16	14	0	126	2185	9974	39709	203850	694838	902702	1015589	1093794	1118966	29	15	14	29	14	16	C
C	29	15	15	29	16	13	1068103	1045827	976790	878093	705552	387621	51480	12579	2742	157	0	29	15	15	29	13	16	A
A	29	15	14	29	17	13	0	100	1738	7908	31059	101786	642948	917994	1048668	1137842	1166437	29	14	15	29	13	17	C
C	29	16	14	29	17	12	1013851	994072	932887	845969	698007	491651	76970	15918	3447	198	0	29	14	16	29	12	17	A
A	29	16	13	29	18	12	0	79	1377	6251	24314	70001	478490	920845	1075120	1177779	1210517	29	13	16	29	12	18	C
C	29	17	13	29	18	11	956207	938626	884309	807480	678750	518123	159451	20291	4351	249	0	29	13	17	29	11	18	A
A	29	17	12	29	19	11	0	62	1084	4911	18965	53320	235140	904523	1093534	1213328	1251207	29	12	17	29	11	19	C

	J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁	
C	29 18 12 29 19 10	895172	879559	831365	763400	650667	516094	286022	26304	5533	315	0	29 12 18 29 10 19	A
A	29 18 11 29 20 10	0	49	845	3822	14681	40711	118576	846504	1101573	1244069	1288506	29 11 18 29 10 20	C
C	29 19 11 29 20 9	830747	816924	774284	714277	615404	500066	342997	38158	7119	403	0	29 11 19 29 9 20	A
A	29 19 10 29 21 9	0	37	650	2936	11230	30822	81001	662714	1094879	1269335	1322414	29 10 19 29 9 21	C
C	29 20 10 29 21 8	762931	750761	713237	660509	574015	474493	349678	78542	9321	523	0	29 10 20 29 8 21	A
A	29 20 9 29 22 8	0	28	491	2215	8444	22996	59050	331375	1062642	1288022	1352931	29 9 20 29 8 22	C
C	29 21 9 29 22 7	691724	681100	648356	602391	527221	441471	337412	154442	12693	691	0	29 9 21 29 7 22	A
A	29 21 8 29 23 7	0	21	362	1631	6202	16789	42458	145761	960970	1298156	1380057	29 8 21 29 7 23	C
C	29 22 8 29 23 6	617126	607966	579742	540151	475539	402241	314796	190691	21624	938	0	29 8 22 29 6 23	A
A	29 22 7 29 24 6	0	15	258	1162	4410	11882	29704	87401	648516	1295820	1403793	29 7 22 29 6 24	C
C	29 23 7 29 24 5	539138	531379	507475	473962	419347	357615	284690	188688	51818	1322	0	29 7 23 29 5 24	A
A	29 23 6 29 25 5	0	10	176	791	2998	8046	19933	56727	255428	1270984	1424138	29 6 23 29 5 25	C
C	29 24 6 29 25 4	457759	451352	431619	403963	358937	308162	248536	172126	87392	1988	0	29 6 24 29 4 25	A
A	29 24 5 29 26 4	0	6	112	504	1908	5105	12557	34994	104482	1176885	1441092	29 5 24 29 4 26	C
C	29 25 5 29 26 3	372989	367899	352225	330264	294531	254297	207218	147646	90383	3936	0	29 5 25 29 3 26	A
A	29 25 4 29 27 3	0	4	64	290	1096	2925	7153	19618	53505	790677	1454655	29 4 25 29 3 27	C
C	29 26 4 29 27 2	284828	281030	269335	252952	226306	196331	161332	117334	76650	11976	0	29 4 26 29 2 27	A
A	29 26 3 29 28 2	0	2	31	139	526	1401	3410	9234	24439	223605	1464828	29 3 26 29 2 28	C
C	29 27 3 29 28 1	193276	190753	182983	172100	154403	134507	111303	82231	55688	20387	0	29 3 27 29 1 28	A
A	29 27 2 29 29 1	0	1	10	45	169	448	1087	2915	7550	41094	1471609	29 2 27 29 1 29	C
C	29 28 2 29 29 0	98331	97074	93197	87766	78936	69012	57445	42974	29826	13744	0	29 2 28 29 0 29	A
							Δτ = 5							
A	29 14 16 29 16 13	0	126	2185	9974	39625	70785	8683	2051	459	27	0	29 16 14 29 13 16	C
C	29 14 15 29 17 13	0	18	305	1342	5296	31573	50060	12579	2742	157	0	29 15 14 29 13 17	A
A	29 15 15 29 17 12	0	100	1738	7908	31054	82069	17031	3170	696	41	0	29 15 15 29 12 17	C
C	29 15 14 29 18 12	0	12	202	882	3344	11783	57792	15917	3447	198	0	29 14 15 29 12 18	A
A	29 16 14 29 18 11	0	79	1377	6251	24313	68656	46923	5003	1068	63	0	29 14 16 29 11 18	C
C	29 16 13 29 19 11	0	8	134	579	2135	6181	45451	20267	4351	249	0	29 13 16 29 11 19	A
A	29 17 13 29 19 10	0	62	1084	4911	18965	53242	95785	8214	1665	97	0	29 13 17 29 10 19	C
C	29 17 12 29 20 10	0	5	88	378	1364	3702	18172	25859	5533	315	0	29 12 17 29 10 20	A
A	29 18 12 29 20 9	0	49	845	3822	14681	40707	101038	15685	2665	152	0	29 12 18 29 9 20	C
C	29 18 11 29 21 9	0	3	56	243	865	2254	6714	31126	7118	403	0	29 11 18 29 9 21	A
A	29 19 11 29 21 8	0	37	650	2936	11230	30822	79948	43889	4431	246	0	29 11 19 29 8 21	C
C	29 19 10 29 22 8	0	2	36	153	539	1366	3436	27047	9297	523	0	29 10 19 29 8 22	A
A	29 20 10 29 22 7	0	28	491	2215	8444	22996	58993	103621	7913	413	0	29 10 20 29 7 22	C
C	29 20 9 29 23 7	0	1	22	94	327	812	1916	11175	12190	691	0	29 9 20 29 7 23	A
A	29 21 9 29 23 6	0	21	362	1631	6202	16789	42456	114933	18594	727	0	29 9 21 29 6 23	C
C	29 21 8 29 24 6	0	1	13	55	191	467	1055	3438	14264	938	0	29 8 21 29 6 24	A
A	29 22 8 29 24 5	0	15	258	1162	4410	11882	29704	85684	62009	1374	0	29 8 22 29 5 24	C
C	29 22 7 29 25 5	0	0	7	31	105	254	558	1438	9673	1320	0	29 7 22 29 5 25	A
A	29 23 7 29 25 4	0	10	176	791	2998	8046	19933	56654	115046	2898	0	29 7 23 29 4 25	C
C	29 23 6 29 26 4	0	0	4	16	54	128	275	651	2675	1926	0	29 6 23 29 4 26	A
A	29 24 6 29 26 3	0	6	112	504	1908	5105	12557	34991	93461	8643	0	29 6 24 29 3 26	C
C	29 24 5 29 27 3	0	0	2	7	24	57	120	269	665	2568	0	29 5 24 29 3 27	A
A	29 25 5 29 27 2	0	4	64	290	1096	2925	7153	19618	53148	41404	0	29 5 25 29 2 27	C
C	29 25 4 29 28 2	0	0	1	3	9	20	42	91	193	1679	0	29 4 25 29 2 28	A
A	29 26 4 29 28 1	0	2	31	139	526	1401	3410	9234	24431	81953	0	29 4 26 29 1 28	C
C	29 26 3 29 29 1	0	0	0	1	2	5	9	20	39	214	0	29 3 26 29 1 29	A
A	29 27 3 29 29 0	0	1	10	45	169	448	1087	2915	7550	36122	0	29 3 27 29 0 29	C
							Δτ = 6							
B	29 13 16 29 16 13	0	28	510	2564	13416	112691	13416	2564	510	28	0	29 16 13 29 13 16	B
B	29 14 16 29 17 13	0	19	338	1678	8149	26843	13069	2564	510	28	0	29 16 14 29 13 17	B
B	29 14 15 29 17 12	0	19	338	1678	8165	62588	26398	3965	774	42	0	29 15 14 29 12 17	B
B	29 15 15 29 18 12	0	12	225	1103	5149	19527	20372	3965	774	42	0	29 15 15 29 12 18	B
B	29 15 14 29 18 11	0	12	225	1103	5150	23746	70819	6262	1186	64	0	29 14 15 29 11 18	B

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
B 29 16 14 29 19 11	0	8	148	724	3287	12190	26619	6255	1186	64	0	29 14 16 29 11 19 B
B 29 16 13 29 19 10	0	8	148	724	3287	12412	109440	10296	1851	99	0	29 13 16 29 10 19 B
B 29 17 13 29 20 10	0	5	97	472	2100	7408	24696	10131	1851	99	0	29 13 17 29 10 20 B
B 29 17 12 29 20 9	0	5	97	472	2100	7419	51786	19714	2963	156	0	29 12 17 29 9 20 B
B 29 18 12 29 21 9	0	3	63	304	1331	4512	16672	16327	2962	156	0	29 12 18 29 9 21 B
B 29 18 11 29 21 8	0	3	63	304	1331	4513	19306	54452	4928	252	0	29 11 18 29 8 21 B
B 29 19 11 29 22 8	0	2	40	191	829	2733	9728	22600	4916	252	0	29 11 19 29 8 22 B
B 29 19 10 29 22 7	0	2	40	191	829	2733	9847	105225	8810	423	0	29 10 19 29 7 22 B
B 29 20 10 29 23 7	0	1	24	117	503	1624	5476	21664	8475	423	0	29 10 20 29 7 23 B
B 29 20 9 29 23 6	0	1	24	117	503	1624	5481	55133	20729	746	0	29 9 20 29 6 23 B
B 29 21 9 29 24 6	0	1	14	69	294	933	3017	13891	14128	746	0	29 9 21 29 6 24 B
B 29 21 8 29 24 5	0	1	14	69	294	933	3018	17271	66615	1409	0	29 8 21 29 5 24 B
B 29 22 8 29 25 5	0	0	8	38	162	509	1596	7075	17881	1407	0	29 8 22 29 5 25 B
B 29 22 7 29 25 4	0	0	8	38	162	509	1596	7208	86130	2974	0	29 7 22 29 4 25 B
B 29 23 7 29 26 4	0	0	4	20	83	256	785	3255	13317	2883	0	29 7 23 29 4 26 B
B 29 23 6 29 26 3	0	0	4	20	83	256	785	3259	26709	8871	0	29 6 23 29 3 26 B
B 29 24 6 29 27 3	0	0	2	9	37	114	343	1347	5998	5889	0	29 6 24 29 3 27 B
B 29 24 5 29 27 2	0	0	2	9	37	114	343	1347	6664	41591	0	29 5 24 29 2 27 B
B 29 25 5 29 28 2	0	0	1	3	13	41	121	457	1916	7867	0	29 5 25 29 2 28 B
B 29 25 4 29 28 1	0	0	1	3	13	41	121	457	1928	59876	0	29 4 25 29 1 28 B
B 29 26 4 29 29 1	0	0	0	1	3	9	27	99	387	3448	0	29 4 26 29 1 29 B
B 29 26 3 29 29 0	0	0	0	1	3	9	27	99	387	8547	0	29 3 26 29 0 29 B
						$\Delta\tau$ = 7						
A 29 13 16 29 17 13	0	0	1	17	331	9913	8456	2051	459	27	0	29 16 13 29 13 17 C
C 29 14 16 29 17 12	0	18	305	1342	5285	12676	815	32	1	0	0	29 16 14 29 12 17 A
A 29 14 15 29 18 12	0	0	0	9	164	3510	13056	3169	696	41	0	29 15 14 29 12 18 C
C 29 15 15 29 18 11	0	12	202	882	3343	9644	2879	62	3	0	0	29 15 15 29 11 18 A
A 29 15 14 29 19 11	0	0	0	5	85	1020	16126	4997	1068	63	0	29 14 15 29 11 19 C
C 29 16 14 29 19 10	0	8	134	579	2135	6068	7316	125	5	0	0	29 14 16 29 10 19 A
A 29 16 13 29 20 10	0	0	0	3	44	424	11091	8081	1665	97	0	29 13 16 29 10 20 C
C 29 17 13 29 20 9	0	5	88	378	1364	3697	8278	301	10	0	0	29 13 17 29 9 20 A
A 29 17 12 29 21 9	0	0	0	1	23	203	3429	12948	2665	152	0	29 12 17 29 9 21 C
C 29 18 12 29 21 8	0	3	56	243	865	2254	5780	1090	20	0	0	29 12 18 29 8 21 A
A 29 18 11 29 22 8	0	0	0	1	12	99	965	17287	4420	246	0	29 11 18 29 8 22 C
C 29 19 11 29 22 7	0	2	36	153	539	1366	3393	3305	46	0	0	29 11 19 29 7 22 A
A 29 19 10 29 23 7	0	0	0	0	6	48	380	13239	7610	413	0	29 10 19 29 7 23 C
C 29 20 10 29 23 6	0	1	22	94	327	812	1914	4115	141	0	0	29 10 20 29 6 23 A
A 29 20 9 29 24 6	0	0	0	0	3	22	163	4071	12593	727	0	29 9 20 29 6 24 C
C 29 21 9 29 24 5	0	1	13	55	191	467	1055	2754	633	1	0	29 9 21 29 5 24 A
A 29 21 8 29 25 5	0	0	0	0	1	10	68	892	15016	1372	0	29 8 21 29 5 25 C
C 29 22 8 29 25 4	0	0	7	31	105	254	558	1412	1524	2	0	29 8 22 29 4 25 A
A 29 22 7 29 26 4	0	0	0	0	1	4	26	262	7717	2809	0	29 7 22 29 4 26 C
C 29 23 7 29 26 3	0	0	4	16	54	128	275	651	1306	8	0	29 7 23 29 3 26 A
A 29 23 6 29 27 3	0	0	0	0	0	1	9	80	1355	5726	0	29 6 23 29 3 27 C
C 29 24 6 29 27 2	0	0	2	7	24	57	120	269	598	59	0	29 6 24 29 2 27 A
A 29 24 5 29 28 2	0	0	0	0	0	0	2	20	193	7404	0	29 5 24 29 2 28 C
C 29 25 5 29 28 1	0	0	1	3	9	20	42	91	191	172	0	29 5 25 29 1 28 A
A 29 25 4 29 29 1	0	0	0	0	0	0	0	3	25	2348	0	29 4 25 29 1 29 C
C 29 26 4 29 29 0	0	0	0	1	2	5	9	20	39	86	0	29 4 26 29 0 29 A
						$\Delta\tau$ = 9						
A 29 13 17 29 17 12	0	0	1	17	323	1729	107	4	0	0	0	29 17 13 29 12 17 C
C 29 13 16 29 18 12	0	0	0	2	35	1087	627	32	1	0	0	29 16 13 29 12 18 A
A 29 14 16 29 18 11	0	0	0	9	164	1451	473	10	0	0	0	29 16 14 29 11 18 C
C 29 14 15 29 19 11	0	0	0	1	14	302	1029	62	3	0	0	29 15 14 29 11 19 A
A 29 15 15 29 19 10	0	0	0	5	85	836	1525	25	1	0	0	29 15 15 29 10 19 C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	29	15	14	29	20	10	0	0	0	0	6	70	1114	123	5	0	0	29	14	15	29	10	20	A
A	29	16	14	29	20	9	0	0	0	3	44	416	2124	73	2	0	0	29	14	16	29	9	20	C
C	29	16	13	29	21	9	0	0	0	0	3	23	600	249	10	0	0	29	13	16	29	9	21	A
A	29	17	13	29	21	8	0	0	0	1	23	203	1594	334	6	0	0	29	13	17	29	8	21	C
C	29	17	12	29	22	8	0	0	0	0	1	9	142	440	20	0	0	29	12	17	29	8	22	A
A	29	18	12	29	22	7	0	0	0	1	12	99	832	1299	17	0	0	29	12	18	29	7	22	C
C	29	18	11	29	23	7	0	0	0	0	0	3	31	517	44	0	0	29	11	18	29	7	23	A
A	29	19	11	29	23	6	0	0	0	0	6	48	376	2053	66	0	0	29	11	19	29	6	23	C
C	29	19	10	29	24	6	0	0	0	0	0	1	9	298	96	0	0	29	10	19	29	6	24	A
A	29	20	10	29	24	5	0	0	0	0	3	22	163	1543	388	0	0	29	10	20	29	5	24	C
C	29	20	9	29	25	5	0	0	0	0	0	0	3	66	161	1	0	29	9	20	29	5	25	A
A	29	21	9	29	25	4	0	0	0	0	1	10	68	716	1245	2	0	29	9	21	29	4	25	C
C	29	21	8	29	26	4	0	0	0	0	0	0	1	10	146	2	0	29	8	21	29	4	26	A
A	29	22	8	29	26	3	0	0	0	0	1	4	26	257	1375	9	0	29	8	22	29	3	26	C
C	29	22	7	29	27	3	0	0	0	0	0	0	0	2	48	5	0	29	7	22	29	3	27	A
A	29	23	7	29	27	2	0	0	0	0	0	1	9	80	668	85	0	29	7	23	29	2	27	C
C	29	23	6	29	28	2	0	0	0	0	0	0	0	0	5	11	0	29	6	23	29	2	28	A
A	29	24	6	29	28	1	0	0	0	0	0	0	2	20	173	368	0	29	6	24	29	1	28	C
C	29	24	5	29	29	1	0	0	0	0	0	0	0	0	0	7	0	29	5	24	29	1	29	A
A	29	25	5	29	29	0	0	0	0	0	0	0	0	3	25	271	0	29	5	25	29	0	29	C
												$\Delta\tau$ = 10												
B	29	12	17	29	17	12	0	0	0	5	165	3303	165	5	0	0	0	29	17	12	29	12	17	B
B	29	13	17	29	18	12	0	0	0	2	53	396	127	5	0	0	0	29	17	13	29	12	18	B
B	29	13	16	29	18	11	0	0	0	2	54	2165	728	13	0	0	0	29	16	13	29	11	18	B
B	29	14	16	29	19	11	0	0	0	1	22	251	262	13	0	0	0	29	16	14	29	11	19	B
B	29	14	15	29	19	10	0	0	0	1	22	605	2332	31	1	0	0	29	15	14	29	10	19	B
B	29	15	15	29	20	10	0	0	0	0	9	114	378	30	1	0	0	29	15	15	29	10	20	B
B	29	15	14	29	20	9	0	0	0	0	9	140	3078	92	3	0	0	29	14	15	29	9	20	B
B	29	16	14	29	21	9	0	0	0	0	4	46	339	76	3	0	0	29	14	16	29	9	21	B
B	29	16	13	29	21	8	0	0	0	0	4	46	1710	417	7	0	0	29	13	16	29	8	21	B
B	29	17	13	29	22	8	0	0	0	0	2	18	190	169	7	0	0	29	13	17	29	8	22	B
B	29	17	12	29	22	7	0	0	0	0	2	18	407	1619	19	0	0	29	12	17	29	7	22	B
B	29	18	12	29	23	7	0	0	0	0	1	7	76	263	18	0	0	29	12	18	29	7	23	B
B	29	18	11	29	23	6	0	0	0	0	1	7	88	2474	74	0	0	29	11	18	29	6	23	B
B	29	19	11	29	24	6	0	0	0	0	0	3	26	241	50	0	0	29	11	19	29	6	24	B
B	29	19	10	29	24	5	0	0	0	0	0	3	27	1485	431	0	0	29	10	19	29	5	24	B
B	29	20	10	29	25	5	0	0	0	0	0	1	9	125	110	0	0	29	10	20	29	5	25	B
B	29	20	9	29	25	4	0	0	0	0	0	1	9	329	1376	2	0	29	9	20	29	4	25	B
B	29	21	9	29	26	4	0	0	0	0	0	0	3	41	141	2	0	29	9	21	29	4	26	B
B	29	21	8	29	26	3	0	0	0	0	0	0	3	51	1434	9	0	29	8	21	29	3	26	B
B	29	22	8	29	27	3	0	0	0	0	0	0	1	10	87	6	0	29	8	22	29	3	27	B
B	29	22	7	29	27	2	0	0	0	0	0	0	1	10	480	87	0	29	7	22	29	2	27	B
B	29	23	7	29	28	2	0	0	0	0	0	0	0	2	24	16	0	29	7	23	29	2	28	B
B	29	23	6	29	28	1	0	0	0	0	0	0	0	2	48	377	0	29	6	23	29	1	28	B
B	29	24	6	29	29	1	0	0	0	0	0	0	0	0	3	15	0	29	6	24	29	1	29	B
B	29	24	5	29	29	0	0	0	0	0	0	0	0	0	3	268	0	29	5	24	29	0	29	B
												$\Delta\tau$ = 11												
A	29	12	17	29	18	12	0	0	0	0	3	189	82	4	0	0	0	29	17	12	29	12	18	C
C	29	13	17	29	18	11	0	0	0	2	34	197	18	0	0	0	0	29	17	13	29	11	18	A
A	29	13	16	29	19	11	0	0	0	0	1	94	170	10	0	0	0	29	16	13	29	11	19	C
C	29	14	16	29	19	10	0	0	0	1	14	125	73	0	0	0	0	29	16	14	29	10	19	A
A	29	14	15	29	20	10	0	0	0	0	0	21	244	24	1	0	0	29	15	14	29	10	20	C
C	29	15	15	29	20	9	0	0	0	0	6	57	128	1	0	0	0	29	15	15	29	9	20	A
A	29	15	14	29	21	9	0	0	0	0	0	4	207	61	2	0	0	29	14	15	29	9	21	C
C	29	16	14	29	21	8	0	0	0	0	3	23	118	5	0	0	0	29	14	16	29	8	21	A

												κ												
	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	29	16	13	29	22	8	0	0	0	0	0	1	86	135	6	0	0	29	13	16	29	8	22	C
C	29	17	13	29	22	7	0	0	0	0	1	9	66	25	0	0	0	29	13	17	29	7	22	A
A	29	17	12	29	23	7	0	0	0	0	0	0	16	210	16	0	0	29	12	17	29	7	23	C
C	29	18	12	29	23	6	0	0	0	0	0	3	27	50	0	0	0	29	12	18	29	6	23	A
A	29	18	11	29	24	6	0	0	0	0	0	0	3	186	45	0	0	29	11	18	29	6	24	C
C	29	19	11	29	24	5	0	0	0	0	0	1	9	48	2	0	0	29	11	19	29	5	24	A
A	29	19	10	29	25	5	0	0	0	0	0	0	1	77	99	0	0	29	10	19	29	5	25	C
C	29	20	10	29	25	4	0	0	0	0	0	0	3	25	9	0	0	29	10	20	29	4	25	A
A	29	20	9	29	26	4	0	0	0	0	0	0	0	12	126	1	0	29	9	20	29	4	26	C
C	29	21	9	29	26	3	0	0	0	0	0	0	1	8	14	0	0	29	9	21	29	3	26	A
A	29	21	8	29	27	3	0	0	0	0	0	0	0	1	73	6	0	29	8	21	29	3	27	C
C	29	22	8	29	27	2	0	0	0	0	0	0	0	2	9	0	0	29	8	22	29	2	27	A
A	29	22	7	29	28	2	0	0	0	0	0	0	0	0	14	16	0	29	7	22	29	2	28	C
C	29	23	7	29	28	1	0	0	0	0	0	0	0	0	2	0	0	29	7	23	29	1	28	A
A	29	23	6	29	29	1	0	0	0	0	0	0	0	0	1	15	0	29	6	23	29	1	29	C
												$\Delta\tau$ = 13												
A	29	12	18	29	18	11	0	0	0	0	3	22	2	0	0	0	0	29	18	12	29	11	18	C
C	29	12	17	29	19	11	0	0	0	0	0	16	6	0	0	0	0	29	17	12	29	11	19	A
A	29	13	17	29	19	10	0	0	0	0	1	17	10	0	0	0	0	29	17	13	29	10	19	C
C	29	13	16	29	20	10	0	0	0	0	0	6	12	0	0	0	0	29	16	13	29	10	20	A
A	29	14	16	29	20	9	0	0	0	0	0	9	21	0	0	0	0	29	16	14	29	9	20	C
C	29	14	15	29	21	9	0	0	0	0	0	1	13	1	0	0	0	29	15	14	29	9	21	A
A	29	15	15	29	21	8	0	0	0	0	0	3	25	1	0	0	0	29	15	15	29	8	21	C
C	29	15	14	29	22	8	0	0	0	0	0	0	9	2	0	0	0	29	14	15	29	8	22	A
A	29	16	14	29	22	7	0	0	0	0	0	1	17	6	0	0	0	29	14	16	29	7	22	C
C	29	16	13	29	23	7	0	0	0	0	0	0	3	4	0	0	0	29	13	16	29	7	23	A
A	29	17	13	29	23	6	0	0	0	0	0	0	7	15	0	0	0	29	13	17	29	6	23	C
C	29	17	12	29	24	6	0	0	0	0	0	0	0	5	0	0	0	29	12	17	29	6	24	A
A	29	18	12	29	24	5	0	0	0	0	0	0	2	19	1	0	0	29	12	18	29	5	24	C
C	29	18	11	29	25	5	0	0	0	0	0	0	0	3	1	0	0	29	11	18	29	5	25	A
A	29	19	11	29	25	4	0	0	0	0	0	0	1	12	4	0	0	29	11	19	29	4	25	C
C	29	19	10	29	26	4	0	0	0	0	0	0	0	1	1	0	0	29	10	19	29	4	26	A
A	29	20	10	29	26	3	0	0	0	0	0	0	0	5	8	0	0	29	10	20	29	3	26	C
C	29	20	9	29	27	3	0	0	0	0	0	0	0	0	1	0	0	29	9	20	29	3	27	A
A	29	21	9	29	27	2	0	0	0	0	0	0	0	1	7	0	0	29	9	21	29	2	27	C
A	29	22	8	29	28	1	0	0	0	0	0	0	0	0	3	0	0	29	8	22	29	1	28	C
A	29	23	7	29	29	0	0	0	0	0	0	0	0	0	0	1	0	29	7	23	29	0	29	C
												$\Delta\tau$ = 14												
B	29	11	18	29	18	11	0	0	0	0	3	43	3	0	0	0	0	29	18	11	29	11	18	B
B	29	12	18	29	19	11	0	0	0	0	0	4	1	0	0	0	0	29	18	12	29	11	19	B
B	29	12	17	29	19	10	0	0	0	0	0	33	15	0	0	0	0	29	17	12	29	10	19	B
B	29	13	17	29	20	10	0	0	0	0	0	2	2	0	0	0	0	29	17	13	29	10	20	B
B	29	13	16	29	20	9	0	0	0	0	0	13	32	0	0	0	0	29	16	13	29	9	20	B
B	29	14	16	29	21	9	0	0	0	0	0	1	3	0	0	0	0	29	16	14	29	9	21	B
B	29	14	15	29	21	8	0	0	0	0	0	2	37	1	0	0	0	29	15	14	29	8	21	B
B	29	15	15	29	22	8	0	0	0	0	0	0	3	1	0	0	0	29	15	15	29	8	22	B
B	29	15	14	29	22	7	0	0	0	0	0	0	25	8	0	0	0	29	14	15	29	7	22	B
B	29	16	14	29	23	7	0	0	0	0	0	0	2	1	0	0	0	29	14	16	29	7	23	B
B	29	16	13	29	23	6	0	0	0	0	0	0	8	19	0	0	0	29	13	16	29	6	23	B
B	29	17	13	29	24	6	0	0	0	0	0	0	1	2	0	0	0	29	13	17	29	6	24	B
B	29	17	12	29	24	5	0	0	0	0	0	0	1	23	1	0	0	29	12	17	29	5	24	B
B	29	18	12	29	25	5	0	0	0	0	0	0	0	2	0	0	0	29	12	18	29	5	25	B
B	29	18	11	29	25	4	0	0	0	0	0	0	0	15	5	0	0	29	11	18	29	4	25	B
B	29	19	11	29	26	4	0	0	0	0	0	0	0	1	0	0	0	29	11	19	29	4	26	B
B	29	19	10	29	26	3	0	0	0	0	0	0	0	4	9	0	0	29	10	19	29	3	26	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	29	20	10	29	27	3	0	0	0	0	0	0	0	0	1	0	0	29	10	20	29	3	27	B
B	29	20	9	29	27	2	0	0	0	0	0	0	0	0	8	0	0	29	9	20	29	2	27	B
B	29	21	8	29	28	1	0	0	0	0	0	0	0	0	3	0	0	29	8	21	29	1	28	B
B	29	22	7	29	29	0	0	0	0	0	0	0	0	0	0	1	0	29	7	22	29	0	29	B

Δτ = 15

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	29	11	18	29	19	11	0	0	0	0	0	2	1	0	0	0	0	29	18	11	29	11	19	C
C	29	12	18	29	19	10	0	0	0	0	0	2	0	0	0	0	0	29	18	12	29	10	19	A
A	29	12	17	29	20	10	0	0	0	0	0	1	2	0	0	0	0	29	17	12	29	10	20	C
C	29	13	17	29	20	9	0	0	0	0	0	1	1	0	0	0	0	29	17	13	29	9	20	A
A	29	13	16	29	21	9	0	0	0	0	0	0	2	0	0	0	0	29	16	13	29	9	21	C
C	29	14	16	29	21	8	0	0	0	0	0	0	1	0	0	0	0	29	16	14	29	8	21	A
A	29	14	15	29	22	8	0	0	0	0	0	0	2	0	0	0	0	29	15	14	29	8	22	C
C	29	15	15	29	22	7	0	0	0	0	0	0	1	0	0	0	0	29	15	15	29	7	22	A
A	29	15	14	29	23	7	0	0	0	0	0	0	1	1	0	0	0	29	14	15	29	7	23	C
C	29	16	14	29	23	6	0	0	0	0	0	0	1	0	0	0	0	29	14	16	29	6	23	A
A	29	16	13	29	24	6	0	0	0	0	0	0	0	1	0	0	0	29	13	16	29	6	24	C
A	29	17	12	29	25	5	0	0	0	0	0	0	0	1	0	0	0	29	12	17	29	5	25	C
A	29	18	11	29	26	4	0	0	0	0	0	0	0	1	0	0	0	29	11	18	29	4	26	C

J=29 ΔJ = 1

Δτ = 0

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	29	15	14	30	16	15	1725000	1699522	1615720	1481713	1199582	719192	1037708	1374251	1526922	1621379	1650000	29	14	15	30	15	16	B
B	29	16	13	30	17	14	1801667	1778959	1704461	1586236	1344160	920670	848038	1262010	1437524	1544422	1576667	29	13	16	30	14	17	B
B	29	17	12	30	18	13	1880000	1859770	1793530	1688999	1478798	1136529	696340	1141873	1346738	1468500	1505000	29	12	17	30	13	18	B
B	29	18	11	30	19	12	1960000	1942012	1883210	1790808	1607291	1321525	767936	1007976	1253355	1393398	1435000	29	11	18	30	12	19	B
B	29	19	10	30	20	11	2041667	2025733	1973711	1892234	1731848	1488776	1024770	850415	1155406	1318797	1366667	29	10	19	30	11	20	B
B	29	20	9	30	21	10	2125000	2110966	2065197	1993698	1853879	1645699	1274646	709323	1049381	1244202	1300000	29	9	20	30	10	21	B
B	29	21	8	30	22	9	2210000	2197741	2157793	2095518	1974344	1796124	1490872	778671	928461	1168809	1235000	29	8	21	30	9	22	B
B	29	22	7	30	23	8	2296667	2286078	2251599	2197939	2093933	1942304	1688763	1089537	786664	1091218	1171667	29	7	22	30	8	23	B
B	29	23	6	30	24	7	2385000	2375996	2346694	2301154	2213156	2085699	1875889	1414505	724677	1008745	1110000	29	6	23	30	7	24	B
B	29	24	5	30	25	6	2475000	2467508	2443142	2405317	2332402	2227314	2056178	1695123	964374	915774	1050000	29	5	24	30	6	25	B
B	29	25	4	30	26	5	2566667	2560628	2540997	2510551	2451977	2367877	2231967	1952017	1411324	806049	991667	29	4	25	30	5	26	B
B	29	26	3	30	27	4	2660000	2655365	2640301	2616959	2572121	2507933	2404782	2195488	1815396	789736	935000	29	3	26	30	4	27	B
B	29	27	2	30	28	3	2755000	2751726	2741092	2724623	2693029	2647904	2575684	2430597	2175146	1196448	880000	29	2	27	30	3	28	B
B	29	28	1	30	29	2	2851666	2849720	2843399	2833614	2814861	2788121	2745449	2660272	2512769	1961256	826667	29	1	28	30	2	29	B
B	29	29	0	30	30	1	2949939	2949350	2947246	2943987	2937748	2928852	2914664	2886392	2837673	2662612	1550000	29	0	29	30	1	30	B

Δτ = 1

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	29	0	29	30	1	29	1550000	415178	269176	230202	210507	202624	198954	197279	196803	196675	196663	29	29	0	30	29	1	A
C	29	1	29	30	2	29	826667	414451	269176	230202	210507	202624	198954	197279	196803	196675	196667	29	29	1	30	29	2	A
C	29	1	28	30	2	28	826667	838493	529340	452617	413878	398377	391162	387869	386935	386682	386667	29	28	1	30	28	2	A
C	29	2	28	30	3	28	880000	796301	529339	452617	413878	398377	391162	387869	386935	386682	386667	29	28	2	30	28	3	A
C	29	2	27	30	3	27	880000	1360229	780872	667312	610122	587262	576626	571773	570395	570023	570000	29	27	2	30	27	3	A
C	29	3	27	30	4	27	935000	1056023	780826	667312	610122	587262	576626	571773	570395	570023	570000	29	27	3	30	27	4	A
C	29	3	26	30	4	26	935000	1344836	1024688	874411	799253	769280	755345	748988	747184	746697	746667	29	26	3	30	26	4	A
C	29	4	26	30	5	26	991667	1143650	1023299	874411	799253	769280	755345	748988	747184	746697	746667	29	26	4	30	26	5	A
C	29	4	25	30	5	25	991667	1171342	1280407	1074134	981301	944435	927319	919516	917301	916703	916667	29	25	4	30	25	5	A
C	29	5	25	30	6	25	1050000	1171553	1246020	1074126	981301	944435	927319	919516	917301	916703	916667	29	25	5	30	25	6	A
C	29	5	24	30	6	24	1050000	1172919	1623571	1266874	1156311	1112734	1092550	1083356	1080747	1080043	1080000	29	24	5	30	24	6	A
C	29	6	24	30	7	24	1110000	1205018	1403963	1266689	1156311	1112734	1092550	1083356	1080747	1080043	1080000	29	24	6	30	24	7	A
C	29	6	23	30	7	23	1110000	1205071	1652258	1454480	1324365	1274188	1251038	1240508	1237522	1236716	1236667	29	23	6	30	23	7	A
C	29	7	23	30	8	23	1171667	1248416	1468267	1450478	1324364	1274188	1251038	1240508	1237522	1236716	1236667	29	23	7	30	23	8	A
C	29	7	22	30	8	22	1171667	1248417	1503260	1675002	1485603	1428815	1402784	1390972	1387625	1386722	1386667	29	22	7	30	22	8	A
C	29	8	22	30	9	22	1235000	1298750	1491712	1610430	1485598	1428815	1402784	1390972	1387625	1386722	1386667	29	22	8	30	22	9	A
C	29	8	21	30	9	21	1235000	1298750	1494267	1921100	1640263	1576647	1547793	1534748	1531057	1530061	1530000	29	21	8	30	21	9	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	29	9	21	30	10	21	1300000	1354070	1518285	1710670	1640167	1576647	1547793	1534748	1531057	1530061	1530000	29	21	9	30	21	10	A
C	29	9	20	30	10	20	1300000	1354070	1518456	1847094	1789107	1717739	1686069	1671837	1667817	1666733	1666667	29	20	9	30	20	10	A
C	29	10	20	30	11	20	1366667	1413249	1554674	1750021	1787330	1717738	1686069	1671837	1667817	1666733	1666667	29	20	10	30	20	11	A
C	29	10	19	30	11	19	1366667	1413249	1554683	1765210	1949875	1852183	1817622	1802237	1797905	1796738	1796667	29	19	10	30	19	11	A
C	29	11	19	30	12	19	1435000	1475605	1598955	1772364	1919076	1852177	1817622	1802237	1797905	1796738	1796667	29	19	11	30	19	12	A
C	29	11	18	30	12	18	1435000	1475605	1598955	1773609	2159874	1980130	1942468	1925950	1921322	1920076	1920000	29	18	11	30	18	12	A
C	29	12	18	30	13	18	1505000	1540706	1649299	1801121	2011467	1980028	1942468	1925950	1921322	1920076	1920000	29	18	12	30	18	13	A
C	29	12	17	30	13	17	1505000	1540706	1649299	1801216	2162240	2102258	2060636	2042976	2038066	2036747	2036667	29	17	12	30	17	13	A
C	29	13	17	30	14	17	1576667	1608265	1704495	1838435	2055026	2100420	2060635	2042976	2038066	2036747	2036667	29	17	13	30	17	14	A
C	29	13	16	30	14	16	1576667	1608265	1704495	1838441	2077501	2235829	2172172	2153317	2148138	2146751	2146667	29	16	13	30	16	14	A
C	29	14	16	30	15	16	1650000	1678085	1763733	1882691	2078894	2206124	2172167	2153317	2148138	2146751	2146667	29	16	14	30	16	15	A
C	29	14	15	30	15	15	1650000	1678085	1763733	1882691	2080876	2397451	2277146	2256975	2251538	2250089	2250000	29	15	14	30	15	15	A
C	29	15	15	30	16	15	1725000	1750028	1826449	1932522	2106222	2278827	2277059	2256975	2251538	2250089	2250000	29	15	15	30	15	16	A
C	29	15	14	30	16	14	1725000	1750028	1826449	1932522	2106394	2383848	2376085	2353956	2348264	2346758	2346667	29	14	15	30	14	16	A
C	29	16	14	30	17	14	1801667	1823992	1892243	1986985	2141104	2315262	2374444	2353955	2348264	2346758	2346667	29	14	16	30	14	17	A
C	29	16	13	30	17	13	1801667	1823992	1892243	1986985	2141117	2329535	2484019	2444267	2438316	2436761	2436667	29	13	16	30	13	17	A
C	29	17	13	30	18	13	1880000	1899905	1960818	2045420	2182513	2339457	2458238	2444266	2438316	2436761	2436667	29	13	17	30	13	18	A
C	29	17	12	30	18	12	1880000	1899905	1960818	2045420	2182513	2340740	2601602	2527914	2521692	2520097	2520000	29	12	17	30	12	18	A
C	29	18	12	30	19	12	1960000	1977709	2031952	2107346	2229276	2367726	2515103	2527894	2521692	2520097	2520000	29	12	18	30	12	19	A
C	29	18	11	30	19	11	1960000	1977709	2031952	2107346	2229276	2367838	2583150	2604927	2598389	2596764	2596667	29	11	18	30	11	19	A
C	29	19	11	30	20	11	2041667	2057361	2105474	2172403	2280554	2402510	2545873	2604519	2598389	2596764	2596667	29	11	19	30	11	20	A
C	29	19	10	30	20	10	2041667	2057361	2105474	2172403	2280554	2402519	2554180	2679822	2668401	2666764	2666667	29	10	19	30	10	20	A
C	29	20	10	30	21	10	2125000	2138829	2181252	2240316	2335747	2442915	2569843	2671444	2668400	2666764	2666667	29	10	20	30	10	21	A
C	29	20	9	30	21	9	2125000	2138829	2181252	2240316	2335747	2442916	2570576	2766785	2731700	2730094	2730000	29	9	20	30	9	21	A
C	29	21	9	30	22	9	2210000	2222085	2259181	2310872	2394411	2488019	2598059	2720548	2731684	2730094	2730000	29	9	21	30	9	22	A
C	29	21	8	30	22	8	2210000	2222085	2259181	2310872	2394411	2488019	2598120	2780164	2788288	2786753	2786667	29	8	21	30	8	22	A
C	29	22	8	30	23	8	2296667	2307108	2339177	2383898	2456211	2537155	2631760	2749625	2787867	2786753	2786667	29	8	22	30	8	23	A
C	29	22	7	30	23	7	2296667	2307108	2339177	2383898	2456211	2537155	2631764	2758517	2843117	2836736	2836667	29	7	22	30	7	23	A
C	29	23	7	30	24	7	2385000	2393881	2421173	2459259	2520883	2589843	2670173	2771699	2834471	2836736	2836667	29	7	23	30	7	24	A
C	29	23	6	30	24	6	2385000	2393881	2421173	2459259	2520883	2589843	2670173	2772431	2893187	2880026	2880000	29	6	23	30	6	24	A
C	29	24	6	30	25	6	2475000	2482391	2505112	2536842	2588218	2645719	2712588	2796658	2866536	2880026	2880000	29	6	24	30	6	25	A
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B	29	2	28	30	3	27	880000	129829	23249	13508	9160	7323	6285	5610	5274	5064	5000	29	28	2	30	27	3	B
B	29	3	27	30	4	26	935000	470641	48264	27428	18422	14676	12578	11220	10548	10127	10000	29	27	3	30	26	4	B
B	29	4	26	30	5	25	991667	777000	86149	46484	30884	24510	20974	18699	17578	16878	16667	29	26	4	30	25	5	B
B	29	5	25	30	6	24	1050000	914332	178568	71003	46610	36838	31472	28044	26363	25316	25000	29	25	5	30	24	6	B
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	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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B	29	14	16	30	15	15	1650000	1621379	1526922	1374251	1035208	315456	214301	193038	182826	176767	175000	29	16	14	30	15	15	B
B	29	15	15	30	16	14	1725000	1699522	1615720	1481713	1199363	580456	240139	219104	208263	201852	200000	29	15	15	30	14	16	B
B	29	16	14	30	17	13	1801667	1778959	1704461	1586236	1344144	901748	269655	245854	234995	228516	226667	29	14	16	30	13	17	B
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B	29	18	12	30	19	11	1960000	1942012	1883210	1790808	1607291	1321363	663264	297025	291194	286340	285000	29	12	18	30	11	19	B
B	29	19	11	30	20	10	2041667	2025733	1973711	1892234	1731848	1488764	1011563	319125	319526	317288	316667	29	11	19	30	10	20	B
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B	29	22	8	30	23	7	2296667	2286078	2251599	2197939	2093933	1942304	1688756	1071159	389944	414818	421667	29	8	22	30	7	23	B
B	29	23	7	30	24	6	2385000	2375996	2346694	2301154	2213156	2085699	1875889	1412883	504286	446065	460000	29	7	23	30	6	24	B
B	29	24	6	30	25	5	2475000	2467508	2443142	2405317	2332402	2227314	2056178	1695001	897304	472528	500000	29	6	24	30	5	25	B
B	29	25	5	30	26	4	2566667	2560628	2540997	2510551	2451977	2367877	2231967	1952010	1404453	492444	541667	29	5	25	30	4	26	B
B	29	26	4	30	27	3	2660000	2655365	2640301	2616959	2572121	2507933	2404782	2195488	1814923	608847	585000	29	4	26	30	3	27	B
B	29	27	3	30	28	2	2755000	2751726	2741092	2724623	2693029	2647904	2575684	2430597	2175123	1135567	630000	29	3	27	30	2	28	B
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B	29	29	1	30	30	0	2949967	2949352	2947246	2943975	2937747	2928852	2914664	2886392	2837673	2662469	1450000	29	1	29	30	0	30	B
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A	29	2	28	30	4	27	0	1595	2348	2714	3214	3667	4089	4490	4748	4937	5000	29	28	2	30	27	4	C
A	29	2	27	30	4	26	0	6135	4952	5544	6483	7361	8191	8984	9497	9875	10000	29	27	2	30	26	4	C
A	29	3	27	30	5	26	0	1860	4935	5544	6483	7361	8191	8984	9497	9875	10000	29	27	3	30	26	5	C
A	29	3	26	30	5	25	0	2744	9119	9493	10918	12327	13680	14985	15833	16460	16667	29	26	3	30	25	5	C
A	29	4	26	30	6	25	0	1434	8612	9493	10918	12327	13680	14985	15833	16460	16667	29	26	4	30	25	6	C
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A	29	11	18	30	13	17	0	309	5398	25050	145151	108836	112265	119155	124434	128588	130000	29	18	11	30	17	13	C
A	29	12	18	30	14	17	0	267	4649	21317	81000	108379	112265	119155	124434	128588	130000	29	18	12	30	17	14	C
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A	29	13	17	30	15	16	0	232	4035	18371	72102	129597	133149	139855	145522	150097	151667	29	17	13	30	16	15	C
A	29	13	16	30	15	15	0	232	4035	18371	73765	199937	157076	162630	168429	173306	175000	29	16	13	30	15	15	C
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A	29	15	15	30	17	14	0	178	3082	13929	53436	141790	184448	187755	193260	198236	200000	29	15	15	30	14	17	C
A	29	15	14	30	17	13	0	178	3082	13929	53443	165468	225909	215667	220171	224923	226667	29	14	15	30	13	17	C
A	29	16	14	30	18	13	0	156	2703	12189	46366	125781	213371	215664	220171	224923	226667	29	14	16	30	13	18	C
A	29	16	13	30	18	12	0	156	2703	12189	46366	127705	319547	247093	249405	253420	255000	29	13	16	30	12	18	C
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A	29	18	11	30	20	10	0	120	2074	9329	35151	93493	247355	330847	316612	316215	316667	29	11	18	30	10	20	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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A	29	20	9	30	22	8	0	90	1565	7035	26390	69369	165132	536432	402824	388077	385000	29	9	20	30	8	22	C
A	29	21	9	30	23	8	0	78	1344	6037	22618	59268	139792	337100	401354	388077	385000	29	9	21	30	8	23	C
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A	29	22	8	30	24	7	0	66	1139	5115	19150	50074	117439	291225	447438	428529	421667	29	8	22	30	7	24	C
A	29	22	7	30	24	6	0	66	1139	5115	19150	50074	117439	295426	640891	473435	460000	29	7	22	30	6	24	C
A	29	23	7	30	25	6	0	55	948	4258	15932	41598	97204	239629	463390	473403	460000	29	7	23	30	6	25	C
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A	29	27	3	30	29	2	0	17	288	1292	4828	12579	29237	70905	153621	447548	630000	29	3	27	30	2	29	C
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A	29	28	2	30	30	1	0	8	141	634	2369	6171	14339	34750	75176	226455	676667	29	2	28	30	1	30	C
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B	29	1	28	30	4	27	0	54280	23244	13508	9160	7323	6285	5610	5274	5064	5000	29	28	1	30	27	4	B
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B	29	5	24	30	8	23	0	1193	55564	100481	65667	51670	44069	39249	36899	35440	35000	29	24	5	30	23	8	B
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B	29	13	16	30	16	15	0	45	820	4040	19454	175428	214190	193038	182826	176767	175000	29	16	13	30	15	16	B
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B	29	21	8	30	24	7	0	4	63	302	1268	3865	11399	49793	360190	414817	421667	29	8	21	30	7	24	B
B	29	22	7	30	25	6	0	2	43	205	858	2598	7534	27551	252080	446030	460000	29	7	22	30	6	25	B
B	29	23	6	30	26	5	0	2	28	134	557	1678	4805	16778	94896	471500	500000	29	6	23	30	5	26	B
B	29	24	5	30	27	4	0	1	17	82	340	1018	2889	9812	36142	469140	541667	29	5	24	30	4	27	B
B	29	25	4	30	28	3	0	1	9	45	187	560	1577	5250	17459	328699	585000	29	4	25	30	3	28	B
B	29	26	3	30	29	2	0	0	4	21	86	258	723	2370	7607	90797	630000	29	3	26	30	2	29	B
B	29	27	2	30	30	1	0	0	1	6	27	80	222	720	2257	15913	676667	29	2	27	30	1	30	B
												Δτ = 5												
C	29	0	29	30	3	27	0	4757	299	93	31	12	4	1	0	0	0	29	29	0	30	27	3	A
C	29	1	29	30	4	27	0	2179	299	93	31	12	4	1	0	0	0	29	29	1	30	27	4	A
C	29	1	28	30	4	26	0	35071	1415	410	132	51	19	5	1	0	0	29	28	1	30	26	4	A
C	29	2	28	30	5	26	0	5233	1410	410	132	51	19	5	1	0	0	29	28	2	30	26	5	A
C	29	2	27	30	5	25	0	27406	4496	1152	358	137	50	13	3	0	0	29	27	2	30	25	5	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3 (κ)	0 (κ)	±.3 (κ)	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	29	3	27	30	6	25	0	4205	4226	1152	358	137	50	13	3	0	0	29	27	3	30	25	6	A
C	29	3	26	30	6	24	0	6332	15541	2636	780	295	106	28	6	0	0	29	26	3	30	24	6	A
C	29	4	26	30	7	24	0	2213	9310	2634	780	295	106	28	6	0	0	29	26	4	30	24	7	A
C	29	4	25	30	7	23	0	2283	51840	5439	1504	557	199	52	11	1	0	29	25	4	30	23	7	A
C	29	5	25	30	8	23	0	1162	13134	5393	1504	557	199	52	11	1	0	29	25	5	30	23	8	A
C	29	5	24	30	8	22	0	1163	47526	11326	2681	967	343	89	20	1	0	29	24	5	30	22	8	A
C	29	6	24	30	9	22	0	663	11235	10110	2681	967	343	89	20	1	0	29	24	6	30	22	9	A
C	29	6	23	30	9	21	0	663	16448	30704	4554	1587	556	143	31	2	0	29	23	6	30	21	9	A
C	29	7	23	30	10	21	0	405	7324	15885	4552	1587	556	143	31	2	0	29	23	7	30	21	10	A
C	29	7	22	30	10	20	0	405	7613	66746	7543	2504	862	220	48	3	0	29	22	7	30	20	10	A
C	29	8	22	30	11	20	0	261	4613	17757	7511	2504	862	220	48	3	0	29	22	8	30	20	11	A
C	29	8	21	30	11	19	0	261	4624	41827	12761	3848	1296	328	72	4	0	29	21	8	30	19	11	A
C	29	9	21	30	12	19	0	174	3019	14087	12058	3848	1296	328	72	4	0	29	21	9	30	19	12	A
C	29	9	20	30	12	18	0	174	3019	16981	26985	5825	1904	476	104	6	0	29	20	9	30	18	12	A
C	29	10	20	30	13	18	0	120	2050	9614	17655	5823	1904	476	104	6	0	29	20	10	30	18	13	A
C	29	10	19	30	13	17	0	120	2051	9770	61124	8801	2754	679	148	8	0	29	19	10	30	17	13	A
C	29	11	19	30	14	17	0	84	1432	6521	20340	8758	2754	679	148	8	0	29	19	11	30	17	14	A
C	29	11	18	30	14	16	0	84	1432	6529	51366	13854	3948	955	207	12	0	29	18	11	30	16	14	A
C	29	12	18	30	15	16	0	61	1021	4543	17348	13006	3948	955	207	12	0	29	18	12	30	16	15	A
C	29	12	17	30	15	15	0	61	1021	4543	22373	27680	5650	1329	286	16	0	29	17	12	30	15	15	A
C	29	13	17	30	16	15	0	44	738	3236	12484	17770	5647	1329	286	16	0	29	17	13	30	15	16	A
C	29	13	16	30	16	14	0	44	738	3236	12812	56694	8156	1841	393	22	0	29	16	13	30	14	16	A
C	29	14	16	30	17	14	0	32	539	2339	8723	19370	8111	1841	393	22	0	29	16	14	30	14	17	A
C	29	14	15	30	17	13	0	32	539	2339	8740	42832	12415	2548	538	31	0	29	15	14	30	13	17	A
C	29	15	15	30	18	13	0	24	396	1707	6182	16084	11573	2548	538	31	0	29	15	15	30	13	18	A
C	29	15	14	30	18	12	0	24	396	1707	6183	19469	24350	3544	735	42	0	29	14	15	30	12	18	A
C	29	16	14	30	19	12	0	17	292	1251	4440	11546	15178	3543	735	42	0	29	14	16	30	12	19	A
C	29	16	13	30	19	11	0	17	292	1251	4440	11753	46383	4991	1006	57	0	29	13	16	30	11	19	A
C	29	17	13	30	20	11	0	13	214	917	3210	8075	15811	4978	1006	57	0	29	13	17	30	11	20	A
C	29	17	12	30	20	10	0	13	214	917	3210	8086	31504	7293	1389	78	0	29	12	17	30	10	20	A
C	29	18	12	30	21	10	0	9	157	670	2320	5680	12631	7047	1389	78	0	29	12	18	30	10	21	A
C	29	18	11	30	21	9	0	9	157	670	2320	5681	14567	12997	1942	107	0	29	11	18	30	9	21	A
C	29	19	11	30	22	9	0	7	114	485	1667	4005	8814	9479	1942	107	0	29	11	19	30	9	22	A
C	29	19	10	30	22	8	0	7	114	485	1667	4005	8920	27743	2778	149	0	29	10	19	30	8	22	A
C	29	20	10	30	23	8	0	5	81	346	1184	2805	5971	10359	2766	149	0	29	10	20	30	8	23	A
C	29	20	9	30	23	7	0	5	81	346	1184	2805	5976	23899	4240	212	0	29	9	20	30	7	23	A
C	29	21	9	30	24	7	0	3	57	242	825	1935	4011	8341	3974	212	0	29	9	21	30	7	24	A
C	29	21	8	30	24	6	0	3	57	242	825	1935	4011	10285	8606	309	0	29	8	21	30	6	24	A
C	29	22	8	30	25	6	0	2	39	164	558	1300	2645	5509	5206	309	0	29	8	22	30	6	25	A
C	29	22	7	30	25	5	0	2	39	164	558	1300	2645	5610	16805	469	0	29	7	22	30	5	25	A
C	29	23	7	30	26	5	0	2	25	107	362	839	1685	3382	5027	468	0	29	7	23	30	5	26	A
C	29	23	6	30	26	4	0	2	25	107	362	839	1685	3386	9549	767	0	29	6	23	30	4	26	A
C	29	24	6	30	27	4	0	1	15	65	221	509	1012	1971	3337	736	0	29	6	24	30	4	27	A
C	29	24	5	30	27	3	0	1	15	65	221	509	1012	1971	3695	1717	0	29	5	24	30	3	27	A
C	29	25	5	30	28	3	0	1	9	36	122	280	552	1052	1751	1067	0	29	5	25	30	3	28	A
C	29	25	4	30	28	2	0	1	9	36	122	280	552	1052	1762	4407	0	29	4	25	30	2	28	A
C	29	26	4	30	29	2	0	0	4	17	56	129	253	474	763	957	0	29	4	26	30	2	29	A
C	29	26	3	30	29	1	0	0	4	17	56	129	253	474	763	2213	0	29	3	26	30	1	29	A
C	29	27	3	30	30	1	0	0	1	5	17	40	78	144	226	354	0	29	3	27	30	1	30	A
C	29	27	2	30	30	0	0	0	1	5	17	40	78	144	226	400	0	29	2	27	30	0	30	A
												Δτ = 6												
B	29	1	29	30	4	26	0	1443	22	4	1	0	0	0	0	0	0	29	29	1	30	26	4	B
B	29	2	28	30	5	25	0	5118	160	27	6	2	1	0	0	0	0	29	28	2	30	25	5	B
B	29	3	27	30	6	24	0	4295	971	101	21	7	2	0	0	0	0	29	27	3	30	24	6	B
B	29	4	26	30	7	23	0	2268	5684	309	59	18	5	1	0	0	0	29	26	4	30	23	7	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	29	5	25	30	8	22	0	1191	13079	912	143	41	13	3	1	0	0	29	25	5	30	22	8	B
B	29	6	24	30	9	21	0	680	12270	3515	320	88	26	6	1	0	0	29	24	6	30	21	9	B
B	29	7	23	30	10	20	0	415	8101	12856	688	176	51	12	2	0	0	29	23	7	30	20	10	B
B	29	8	22	30	11	19	0	267	5115	20372	1504	338	95	21	4	0	0	29	22	8	30	19	11	B
B	29	9	21	30	12	18	0	179	3351	17277	4184	637	172	38	8	0	0	29	21	9	30	18	12	B
B	29	10	20	30	13	17	0	123	2277	11932	14230	1197	303	65	13	1	0	29	20	10	30	17	13	B
B	29	11	19	30	14	16	0	87	1591	8122	26762	2363	529	110	22	1	0	29	19	11	30	16	14	B
B	29	12	18	30	15	15	0	62	1134	5667	25716	6102	923	185	37	2	0	29	18	12	30	15	15	B
B	29	13	17	30	16	14	0	45	820	4040	18939	19085	1636	308	61	3	0	29	17	13	30	14	16	B
B	29	14	16	30	17	13	0	33	599	2922	13322	33175	3101	516	100	5	0	29	16	14	30	13	17	B
B	29	15	15	30	18	12	0	24	440	2133	9470	30883	7879	872	165	9	0	29	15	15	30	12	18	B
B	29	16	14	30	19	11	0	18	324	1563	6813	22707	23855	1511	273	15	0	29	14	16	30	11	19	B
B	29	17	13	30	20	10	0	13	238	1146	4930	16003	38947	2760	462	24	0	29	13	17	30	10	20	B
B	29	18	12	30	21	9	0	10	174	837	3566	11300	34641	6359	801	41	0	29	12	18	30	9	21	B
B	29	19	11	30	22	8	0	7	127	606	2563	7983	24746	20458	1445	72	0	29	11	19	30	8	22	B
B	29	20	10	30	23	7	0	5	90	432	1820	5599	16901	41559	2854	130	0	29	10	20	30	7	23	B
B	29	21	9	30	24	6	0	4	63	302	1268	3865	11398	39567	7922	245	0	29	9	21	30	6	24	B
B	29	22	8	30	25	5	0	2	43	205	858	2598	7534	27023	27491	498	0	29	8	22	30	5	25	B
B	29	23	7	30	26	4	0	2	28	134	557	1678	4805	16757	43981	1135	0	29	7	23	30	4	26	B
B	29	24	6	30	27	3	0	1	17	82	340	1018	2889	9811	32398	3795	0	29	6	24	30	3	27	B
B	29	25	5	30	28	2	0	1	9	45	187	560	1577	5250	17344	18953	0	29	5	25	30	2	28	B
B	29	26	4	30	29	1	0	0	4	21	86	258	723	2370	7604	33893	0	29	4	26	30	1	29	B
B	29	27	3	30	30	0	0	0	1	6	27	80	222	720	2257	13999	0	29	3	27	30	0	30	B
												$\Delta\tau$ = 7												
A	29	0	29	30	4	26	0	36	2	1	0	0	0	0	0	0	0	29	29	0	30	26	4	C
A	29	1	29	30	5	26	0	5	2	1	0	0	0	0	0	0	0	29	29	1	30	26	5	C
A	29	1	28	30	5	25	0	112	16	5	2	1	0	0	0	0	0	29	28	1	30	25	5	C
A	29	2	28	30	6	25	0	8	15	5	2	1	0	0	0	0	0	29	28	2	30	25	6	C
A	29	2	27	30	6	24	0	43	97	20	7	3	1	0	0	0	0	29	27	2	30	24	6	C
A	29	3	27	30	7	24	0	4	58	20	7	3	1	0	0	0	0	29	27	3	30	24	7	C
A	29	3	26	30	7	23	0	6	562	62	21	9	4	1	0	0	0	29	26	3	30	23	7	C
A	29	4	26	30	8	23	0	2	126	61	21	9	4	1	0	0	0	29	26	4	30	23	8	C
A	29	4	25	30	8	22	0	2	1129	182	50	21	8	2	1	0	0	29	25	4	30	22	8	C
A	29	5	25	30	9	22	0	1	143	163	50	21	8	2	1	0	0	29	25	5	30	22	9	C
A	29	5	24	30	9	21	0	1	555	703	112	44	17	5	1	0	0	29	24	5	30	21	9	C
A	29	6	24	30	10	21	0	0	92	354	112	44	17	5	1	0	0	29	24	6	30	21	10	C
A	29	6	23	30	10	20	0	0	135	2487	241	88	33	9	2	0	0	29	23	6	30	20	10	C
A	29	7	23	30	11	20	0	0	46	525	240	88	33	9	2	0	0	29	23	7	30	20	11	C
A	29	7	22	30	11	19	0	0	48	3041	527	169	62	17	4	0	0	29	22	7	30	19	11	C
A	29	8	22	30	12	19	0	0	23	475	497	169	62	17	4	0	0	29	22	8	30	19	12	C
A	29	8	21	30	12	18	0	0	23	1168	1466	319	112	30	7	0	0	29	21	8	30	18	12	C
A	29	9	21	30	13	18	0	0	12	295	943	318	112	30	7	0	0	29	21	9	30	18	13	C
A	29	9	20	30	13	17	0	0	12	357	4882	599	197	52	12	1	0	29	20	9	30	17	13	C
A	29	10	20	30	14	17	0	0	7	161	1384	596	197	52	12	1	0	29	20	10	30	17	14	C
A	29	10	19	30	14	16	0	0	7	163	7581	1183	344	88	20	1	0	29	19	10	30	16	14	C
A	29	11	19	30	15	16	0	0	4	88	1351	1109	344	88	20	1	0	29	19	11	30	16	15	C
A	29	11	18	30	15	15	0	0	4	89	3711	3056	600	148	33	2	0	29	18	11	30	15	15	C
A	29	12	18	30	16	15	0	0	2	51	919	1918	600	148	33	2	0	29	18	12	30	15	16	C
A	29	12	17	30	16	14	0	0	2	51	1194	9282	1064	247	55	3	0	29	17	12	30	14	16	C
A	29	13	17	30	17	14	0	0	1	30	530	2596	1058	247	55	3	0	29	17	13	30	14	17	C
A	29	13	16	30	17	13	0	0	1	30	545	12698	2019	413	90	5	0	29	16	13	30	13	17	C
A	29	14	16	30	18	13	0	0	1	18	302	2388	1879	413	90	5	0	29	16	14	30	13	18	C
A	29	14	15	30	18	12	0	0	1	18	302	5685	5131	698	148	9	0	29	15	14	30	12	18	C
A	29	15	15	30	19	12	0	0	1	11	176	1578	3105	698	148	9	0	29	15	15	30	12	19	C
A	29	15	14	30	19	11	0	0	1	11	176	1922	14941	1210	246	14	0	29	14	15	30	11	19	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	29	16	14	30	20	11	0	0	0	7	104	904	3979	1206	246	14	0	29	14	16	30	11	20	C
A	29	16	13	30	20	10	0	0	0	7	104	921	18176	2212	416	24	0	29	13	16	30	10	20	C
A	29	17	13	30	21	10	0	0	0	4	62	510	3435	2135	416	24	0	29	13	17	30	10	21	C
A	29	17	12	30	21	9	0	0	0	4	62	511	7298	5100	721	40	0	29	12	17	30	9	21	C
A	29	18	12	30	22	9	0	0	0	3	37	291	2144	3661	721	40	0	29	12	18	30	9	22	C
A	29	18	11	30	22	8	0	0	0	3	37	291	2484	16087	1302	70	0	29	11	18	30	8	22	C
A	29	19	11	30	23	8	0	0	0	1	22	166	1166	5066	1296	70	0	29	11	19	30	8	23	C
A	29	19	10	30	23	7	0	0	0	1	22	166	1181	26398	2572	126	0	29	10	19	30	7	23	C
A	29	20	10	30	24	7	0	0	0	1	13	93	618	4606	2407	126	0	29	10	20	30	7	24	C
A	29	20	9	30	24	6	0	0	0	1	13	93	618	11899	7139	239	0	29	9	20	30	6	24	C
A	29	21	9	30	25	6	0	0	0	0	7	51	322	2769	4182	239	0	29	9	21	30	6	25	C
A	29	21	8	30	25	5	0	0	0	0	7	51	322	3447	23725	485	0	29	8	21	30	5	25	C
A	29	22	8	30	26	5	0	0	0	0	4	27	162	1331	5208	484	0	29	8	22	30	5	26	C
A	29	22	7	30	26	4	0	0	0	0	4	27	162	1356	26279	1107	0	29	7	22	30	4	26	C
A	29	23	7	30	27	4	0	0	0	0	2	13	76	582	3690	1061	0	29	7	23	30	4	27	C
A	29	23	6	30	27	3	0	0	0	0	2	13	76	583	7430	3702	0	29	6	23	30	3	27	C
A	29	24	6	30	28	3	0	0	0	0	1	5	32	230	1579	2262	0	29	6	24	30	3	28	C
A	29	24	5	30	28	2	0	0	0	0	1	5	32	230	1755	18062	0	29	5	24	30	2	28	C
A	29	25	5	30	29	2	0	0	0	0	0	2	11	75	482	3000	0	29	5	25	30	2	29	C
A	29	25	4	30	29	1	0	0	0	0	0	2	11	75	485	23439	0	29	4	25	30	1	29	C
A	29	26	4	30	30	1	0	0	0	0	0	0	2	16	94	1267	0	29	4	26	30	1	30	C
A	29	26	3	30	30	0	0	0	0	0	0	0	2	16	94	3144	0	29	3	26	30	0	30	C
												$\Delta\tau$ = 8												
B	29	0	29	30	5	26	0	189	22	4	1	0	0	0	0	0	0	29	29	0	30	26	5	B
B	29	1	28	30	6	25	0	276	151	27	6	2	1	0	0	0	0	29	28	1	30	25	6	B
B	29	2	27	30	7	24	0	68	576	101	21	7	2	0	0	0	0	29	27	2	30	24	7	B
B	29	3	26	30	8	23	0	7	1245	306	59	18	5	1	0	0	0	29	26	3	30	23	8	B
B	29	4	25	30	9	22	0	1	1221	812	143	41	13	3	1	0	0	29	25	4	30	22	9	B
B	29	5	24	30	10	21	0	0	413	1762	320	88	26	6	1	0	0	29	24	5	30	21	10	B
B	29	6	23	30	11	20	0	0	77	2509	685	176	51	12	2	0	0	29	23	6	30	20	11	B
B	29	7	22	30	12	19	0	0	22	1746	1419	338	95	21	4	0	0	29	22	7	30	19	12	B
B	29	8	21	30	13	18	0	0	8	494	2681	637	172	38	8	0	0	29	21	8	30	18	13	B
B	29	9	20	30	14	17	0	0	4	119	3811	1191	303	65	13	1	0	29	20	9	30	17	14	B
B	29	10	19	30	15	16	0	0	2	44	3053	2214	529	110	22	1	0	29	19	10	30	16	15	B
B	29	11	18	30	16	15	0	0	1	20	1065	3805	922	185	37	2	0	29	18	11	30	15	16	B
B	29	12	17	30	17	14	0	0	0	9	271	4934	1627	308	61	3	0	29	17	12	30	14	17	B
B	29	13	16	30	18	13	0	0	0	5	100	3549	2883	516	100	5	0	29	16	13	30	13	18	B
B	29	14	15	30	19	12	0	0	0	2	46	1139	4728	872	165	9	0	29	15	14	30	12	19	B
B	29	15	14	30	20	11	0	0	0	1	22	303	5736	1507	273	15	0	29	14	15	30	11	20	B
B	29	16	13	30	21	10	0	0	0	1	11	117	3670	2664	462	24	0	29	13	16	30	10	21	B
B	29	17	12	30	22	9	0	0	0	0	5	52	1046	4547	801	41	0	29	12	17	30	9	22	B
B	29	18	11	30	23	8	0	0	0	0	3	24	274	6075	1439	72	0	29	11	18	30	8	23	B
B	29	19	10	30	24	7	0	0	0	0	1	11	102	4413	2670	130	0	29	10	19	30	7	24	B
B	29	20	9	30	25	6	0	0	0	0	1	5	41	1270	4608	245	0	29	9	20	30	6	25	B
B	29	21	8	30	26	5	0	0	0	0	0	2	16	262	5410	497	0	29	8	21	30	5	26	B
B	29	22	7	30	27	4	0	0	0	0	0	1	6	73	2643	1088	0	29	7	22	30	4	27	B
B	29	23	6	30	28	3	0	0	0	0	0	0	2	21	440	2314	0	29	6	23	30	3	28	B
B	29	24	5	30	29	2	0	0	0	0	0	0	1	5	60	2971	0	29	5	24	30	2	29	B
B	29	25	4	30	30	1	0	0	0	0	0	0	0	1	7	907	0	29	4	25	30	1	30	B
												$\Delta\tau$ = 9												
C	29	0	29	30	5	25	0	176	2	0	0	0	0	0	0	0	0	29	29	0	30	25	5	A
C	29	1	29	30	6	25	0	11	2	0	0	0	0	0	0	0	0	29	29	1	30	25	6	A
C	29	1	28	30	6	24	0	269	28	2	0	0	0	0	0	0	0	29	28	1	30	24	6	A
C	29	2	28	30	7	24	0	12	17	2	0	0	0	0	0	0	0	29	28	2	30	24	7	A
C	29	2	27	30	7	23	0	67	286	8	1	0	0	0	0	0	0	29	27	2	30	23	7	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}						κ						J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
							∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0							
C	29	3	27	30	8	23	0	5	64	8	1	0	0	0	0	0	0	29	27	3	30	23	8	A
C	29	3	26	30	8	22	0	7	1013	33	2	0	0	0	0	0	0	29	26	3	30	22	8	A
C	29	4	26	30	9	22	0	1	112	30	2	0	0	0	0	0	0	29	26	4	30	22	9	A
C	29	4	25	30	9	21	0	1	1088	182	7	1	0	0	0	0	0	29	25	4	30	21	9	A
C	29	5	25	30	10	21	0	0	95	91	7	1	0	0	0	0	0	29	25	5	30	21	10	A
C	29	5	24	30	10	20	0	0	372	925	20	2	0	0	0	0	0	29	24	5	30	20	10	A
C	29	6	24	30	11	20	0	0	47	189	20	2	0	0	0	0	0	29	24	6	30	20	11	A
C	29	6	23	30	11	19	0	0	69	1873	58	6	1	0	0	0	0	29	23	6	30	19	11	A
C	29	7	23	30	12	19	0	0	19	226	55	6	1	0	0	0	0	29	23	7	30	19	12	A
C	29	7	22	30	12	18	0	0	19	1387	210	14	2	0	0	0	0	29	22	7	30	18	12	A
C	29	8	22	30	13	18	0	0	8	160	135	14	2	0	0	0	0	29	22	8	30	18	13	A
C	29	8	21	30	13	17	0	0	8	395	930	33	3	0	0	0	0	29	21	8	30	17	13	A
C	29	9	21	30	14	17	0	0	3	79	257	33	3	0	0	0	0	29	21	9	30	17	14	A
C	29	9	20	30	14	16	0	0	3	96	2174	81	7	0	0	0	0	29	20	9	30	16	14	A
C	29	10	20	30	15	16	0	0	1	35	320	76	7	0	0	0	0	29	20	10	30	16	15	A
C	29	10	19	30	15	15	0	0	1	35	1954	263	15	1	0	0	0	29	19	10	30	15	15	A
C	29	11	19	30	16	15	0	0	1	16	249	165	15	1	0	0	0	29	19	11	30	15	16	A
C	29	11	18	30	16	14	0	0	1	16	692	1048	33	2	0	0	0	29	18	11	30	14	16	A
C	29	12	18	30	17	14	0	0	0	8	135	283	33	2	0	0	0	29	18	12	30	14	17	A
C	29	12	17	30	17	13	0	0	0	8	176	2184	77	3	0	0	0	29	17	12	30	13	17	A
C	29	13	17	30	18	13	0	0	0	4	63	324	71	3	0	0	0	29	17	13	30	13	18	A
C	29	13	16	30	18	12	0	0	0	4	65	1750	245	7	0	0	0	29	16	13	30	12	18	A
C	29	14	16	30	19	12	0	0	0	2	30	236	147	7	0	0	0	29	16	14	30	12	19	A
C	29	14	15	30	19	11	0	0	0	2	30	569	939	15	1	0	0	29	15	14	30	11	19	A
C	29	15	15	30	20	11	0	0	0	1	14	124	239	15	1	0	0	29	15	15	30	11	20	A
C	29	15	14	30	20	10	0	0	0	1	14	152	1798	34	1	0	0	29	14	15	30	10	20	A
C	29	16	14	30	21	10	0	0	0	0	7	57	254	32	1	0	0	29	14	16	30	10	21	A
C	29	16	13	30	21	9	0	0	0	0	7	58	1270	98	3	0	0	29	13	16	30	9	21	A
C	29	17	13	30	22	9	0	0	0	0	3	26	171	70	3	0	0	29	13	17	30	9	22	A
C	29	17	12	30	22	8	0	0	0	0	3	26	366	404	6	0	0	29	12	17	30	8	22	A
C	29	18	12	30	23	8	0	0	0	0	2	12	83	124	6	0	0	29	12	18	30	8	23	A
C	29	18	11	30	23	7	0	0	0	0	2	12	96	1014	15	0	0	29	11	18	30	7	23	A
C	29	19	11	30	24	7	0	0	0	0	1	6	35	143	14	0	0	29	11	19	30	7	24	A
C	29	19	10	30	24	6	0	0	0	0	1	6	36	865	54	0	0	29	10	19	30	6	24	A
C	29	20	10	30	25	6	0	0	0	0	0	2	14	97	32	0	0	29	10	20	30	6	25	A
C	29	20	9	30	25	5	0	0	0	0	0	2	14	254	251	0	0	29	9	20	30	5	25	A
C	29	21	9	30	26	5	0	0	0	0	0	1	6	42	52	0	0	29	9	21	30	5	26	A
C	29	21	8	30	26	4	0	0	0	0	0	1	6	52	490	1	0	29	8	21	30	4	26	A
C	29	22	8	30	27	4	0	0	0	0	0	0	2	14	48	1	0	29	8	22	30	4	27	A
C	29	22	7	30	27	3	0	0	0	0	0	0	2	15	262	4	0	29	7	22	30	3	27	A
C	29	23	7	30	28	3	0	0	0	0	0	0	1	4	22	2	0	29	7	23	30	3	28	A
C	29	23	6	30	28	2	0	0	0	0	0	0	1	4	44	26	0	29	6	23	30	2	28	A
C	29	24	6	30	29	2	0	0	0	0	0	0	0	1	5	4	0	29	6	24	30	2	29	A
C	29	24	5	30	29	1	0	0	0	0	0	0	0	1	6	67	0	29	5	24	30	1	29	A
C	29	25	5	30	30	1	0	0	0	0	0	0	0	0	1	3	0	29	5	25	30	1	30	A
C	29	25	4	30	30	0	0	0	0	0	0	0	0	0	1	23	0	29	4	25	30	0	30	A
												$\Delta\tau = 10$												
B	29	1	29	30	6	24	0	11	0	0	0	0	0	0	0	0	0	29	29	1	30	24	6	B
B	29	2	28	30	7	23	0	13	10	0	0	0	0	0	0	0	0	29	28	2	30	23	7	B
B	29	3	27	30	8	22	0	5	64	1	0	0	0	0	0	0	0	29	27	3	30	22	8	B
B	29	4	26	30	9	21	0	1	123	10	0	0	0	0	0	0	0	29	26	4	30	21	9	B
B	29	5	25	30	10	20	0	0	105	75	1	0	0	0	0	0	0	29	25	5	30	20	10	B
B	29	6	24	30	11	19	0	0	52	220	4	0	0	0	0	0	0	29	24	6	30	19	11	B
B	29	7	23	30	12	18	0	0	21	280	19	1	0	0	0	0	0	29	23	7	30	18	12	B
B	29	8	22	30	13	17	0	0	8	200	111	3	0	0	0	0	0	29	22	8	30	17	13	B

												κ												
	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	29	9	21	30	14	16	0	0	4	99	346	9	1	0	0	0	0	29	21	9	30	16	14	B
B	29	10	20	30	15	15	0	0	2	44	484	36	2	0	0	0	0	29	20	10	30	15	15	B
B	29	11	19	30	16	14	0	0	1	20	382	181	4	0	0	0	0	29	19	11	30	14	16	B
B	29	12	18	30	17	13	0	0	0	9	208	499	13	0	0	0	0	29	18	12	30	13	17	B
B	29	13	17	30	18	12	0	0	0	5	98	636	49	1	0	0	0	29	17	13	30	12	18	B
B	29	14	16	30	19	11	0	0	0	2	46	472	238	3	0	0	0	29	16	14	30	11	19	B
B	29	15	15	30	20	10	0	0	0	1	22	249	609	8	0	0	0	29	15	15	30	10	20	B
B	29	16	14	30	21	9	0	0	0	1	11	115	715	30	1	0	0	29	14	16	30	9	21	B
B	29	17	13	30	22	8	0	0	0	0	5	52	487	155	2	0	0	29	13	17	30	8	22	B
B	29	18	12	30	23	7	0	0	0	0	3	24	236	515	6	0	0	29	12	18	30	7	23	B
B	29	19	11	30	24	6	0	0	0	0	1	11	100	698	28	0	0	29	11	19	30	6	24	B
B	29	20	10	30	25	5	0	0	0	0	1	5	41	482	171	0	0	29	10	20	30	5	25	B
B	29	21	9	30	26	4	0	0	0	0	0	2	16	211	472	1	0	29	9	21	30	4	26	B
B	29	22	8	30	27	3	0	0	0	0	0	1	6	72	474	4	0	29	8	22	30	3	27	B
B	29	23	7	30	28	2	0	0	0	0	0	0	2	21	217	39	0	29	7	23	30	2	28	B
B	29	24	6	30	29	1	0	0	0	0	0	0	1	5	54	152	0	29	6	24	30	1	29	B
B	29	25	5	30	30	0	0	0	0	0	0	0	0	1	7	105	0	29	5	25	30	0	30	B
												$\Delta\tau = 11$												
A	29	1	28	30	7	23	0	0	1	0	0	0	0	0	0	0	0	29	28	1	30	23	7	C
A	29	2	27	30	8	22	0	0	6	0	0	0	0	0	0	0	0	29	27	2	30	22	8	C
A	29	3	27	30	9	22	0	0	1	0	0	0	0	0	0	0	0	29	27	3	30	22	9	C
A	29	3	26	30	9	21	0	0	12	2	0	0	0	0	0	0	0	29	26	3	30	21	9	C
A	29	4	26	30	10	21	0	0	1	1	0	0	0	0	0	0	0	29	26	4	30	21	10	C
A	29	4	25	30	10	20	0	0	9	15	0	0	0	0	0	0	0	29	25	4	30	20	10	C
A	29	5	25	30	11	20	0	0	1	3	0	0	0	0	0	0	0	29	25	5	30	20	11	C
A	29	5	24	30	11	19	0	0	2	44	1	0	0	0	0	0	0	29	24	5	30	19	11	C
A	29	6	24	30	12	19	0	0	0	5	1	0	0	0	0	0	0	29	24	6	30	19	12	C
A	29	6	23	30	12	18	0	0	0	54	7	0	0	0	0	0	0	29	23	6	30	18	12	C
A	29	7	23	30	13	18	0	0	0	5	4	0	0	0	0	0	0	29	23	7	30	18	13	C
A	29	7	22	30	13	17	0	0	0	29	39	1	0	0	0	0	0	29	22	7	30	17	13	C
A	29	8	22	30	14	17	0	0	0	3	11	1	0	0	0	0	0	29	22	8	30	17	14	C
A	29	8	21	30	14	16	0	0	0	7	121	4	0	0	0	0	0	29	21	8	30	16	14	C
A	29	9	21	30	15	16	0	0	0	1	17	4	0	0	0	0	0	29	21	9	30	16	15	C
A	29	9	20	30	15	15	0	0	0	1	164	18	1	0	0	0	0	29	20	9	30	15	15	C
A	29	10	20	30	16	15	0	0	0	0	17	11	1	0	0	0	0	29	20	10	30	15	16	C
A	29	10	19	30	16	14	0	0	0	0	106	91	3	0	0	0	0	29	19	10	30	14	16	C
A	29	11	19	30	17	14	0	0	0	0	11	24	3	0	0	0	0	29	19	11	30	14	17	C
A	29	11	18	30	17	13	0	0	0	0	30	248	8	0	0	0	0	29	18	11	30	13	17	C
A	29	12	18	30	18	13	0	0	0	0	5	35	8	0	0	0	0	29	18	12	30	13	18	C
A	29	12	17	30	18	12	0	0	0	0	6	304	32	1	0	0	0	29	17	12	30	12	18	C
A	29	13	17	30	19	12	0	0	0	0	2	32	19	1	0	0	0	29	17	13	30	12	19	C
A	29	13	16	30	19	11	0	0	0	0	2	176	155	2	0	0	0	29	16	13	30	11	19	C
A	29	14	16	30	20	11	0	0	0	0	1	19	39	2	0	0	0	29	16	14	30	11	20	C
A	29	14	15	30	20	10	0	0	0	0	1	45	393	7	0	0	0	29	15	14	30	10	20	C
A	29	15	15	30	21	10	0	0	0	0	0	8	53	6	0	0	0	29	15	15	30	10	21	C
A	29	15	14	30	21	9	0	0	0	0	0	10	438	24	1	0	0	29	14	15	30	9	21	C
A	29	16	14	30	22	9	0	0	0	0	0	3	44	17	1	0	0	29	14	16	30	9	22	C
A	29	16	13	30	22	8	0	0	0	0	0	3	221	124	2	0	0	29	13	16	30	8	22	C
A	29	17	13	30	23	8	0	0	0	0	0	1	23	38	2	0	0	29	13	17	30	8	23	C
A	29	17	12	30	23	7	0	0	0	0	0	1	49	410	6	0	0	29	12	17	30	7	23	C
A	29	18	12	30	24	7	0	0	0	0	0	0	9	56	5	0	0	29	12	18	30	7	24	C
A	29	18	11	30	24	6	0	0	0	0	0	0	10	538	25	0	0	29	11	18	30	6	24	C
A	29	19	11	30	25	6	0	0	0	0	0	0	3	48	15	0	0	29	11	19	30	6	25	C
A	29	19	10	30	25	5	0	0	0	0	0	0	3	297	154	0	0	29	10	19	30	5	25	C
A	29	20	10	30	26	5	0	0	0	0	0	0	1	24	32	0	0	29	10	20	30	5	26	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	29	20	9	30	26	4	0	0	0	0	0	0	1	62	423	1	0	29	9	20	30	4	26	C
A	29	21	9	30	27	4	0	0	0	0	0	0	0	7	39	1	0	29	9	21	30	4	27	C
A	29	21	8	30	27	3	0	0	0	0	0	0	0	9	400	4	0	29	8	21	30	3	27	C
A	29	22	8	30	28	3	0	0	0	0	0	0	0	2	23	2	0	29	8	22	30	3	28	C
A	29	22	7	30	28	2	0	0	0	0	0	0	0	2	126	38	0	29	7	22	30	2	28	C
A	29	23	7	30	29	2	0	0	0	0	0	0	0	0	6	6	0	29	7	23	30	2	29	C
A	29	23	6	30	29	1	0	0	0	0	0	0	0	0	12	148	0	29	6	23	30	1	29	C
A	29	24	6	30	30	1	0	0	0	0	0	0	0	0	1	6	0	29	6	24	30	1	30	C
A	29	24	5	30	30	0	0	0	0	0	0	0	0	0	1	99	0	29	5	24	30	0	30	C
												$\Delta\tau$ = 12												
B	29	1	28	30	8	23	0	0	2	0	0	0	0	0	0	0	0	29	28	1	30	23	8	B
B	29	2	27	30	9	22	0	0	7	1	0	0	0	0	0	0	0	29	27	2	30	22	9	B
B	29	3	26	30	10	21	0	0	9	5	0	0	0	0	0	0	0	29	26	3	30	21	10	B
B	29	4	25	30	11	20	0	0	5	15	1	0	0	0	0	0	0	29	25	4	30	20	11	B
B	29	5	24	30	12	19	0	0	1	25	4	0	0	0	0	0	0	29	24	5	30	19	12	B
B	29	6	23	30	13	18	0	0	0	23	12	1	0	0	0	0	0	29	23	6	30	18	13	B
B	29	7	22	30	14	17	0	0	0	10	30	3	0	0	0	0	0	29	22	7	30	17	14	B
B	29	8	21	30	15	16	0	0	0	2	49	8	1	0	0	0	0	29	21	8	30	16	15	B
B	29	9	20	30	16	15	0	0	0	0	47	23	2	0	0	0	0	29	20	9	30	15	16	B
B	29	10	19	30	17	14	0	0	0	0	24	49	4	0	0	0	0	29	19	10	30	14	17	B
B	29	11	18	30	18	13	0	0	0	0	5	70	12	0	0	0	0	29	18	11	30	13	18	B
B	29	12	17	30	19	12	0	0	0	0	1	61	30	1	0	0	0	29	17	12	30	12	19	B
B	29	13	16	30	20	11	0	0	0	0	0	28	60	3	0	0	0	29	16	13	30	11	20	B
B	29	14	15	30	21	10	0	0	0	0	0	6	81	8	0	0	0	29	15	14	30	10	21	B
B	29	15	14	30	22	9	0	0	0	0	0	1	63	21	1	0	0	29	14	15	30	9	22	B
B	29	16	13	30	23	8	0	0	0	0	0	0	24	47	2	0	0	29	13	16	30	8	23	B
B	29	17	12	30	24	7	0	0	0	0	0	0	4	70	6	0	0	29	12	17	30	7	24	B
B	29	18	11	30	25	6	0	0	0	0	0	0	1	58	17	0	0	29	11	18	30	6	25	B
B	29	19	10	30	26	5	0	0	0	0	0	0	0	23	36	0	0	29	10	19	30	5	26	B
B	29	20	9	30	27	4	0	0	0	0	0	0	0	3	43	1	0	29	9	20	30	4	27	B
B	29	21	8	30	28	3	0	0	0	0	0	0	0	0	24	2	0	29	8	21	30	3	28	B
B	29	22	7	30	29	2	0	0	0	0	0	0	0	0	4	6	0	29	7	22	30	2	29	B
B	29	23	6	30	30	1	0	0	0	0	0	0	0	0	0	6	0	29	6	23	30	1	30	B
												$\Delta\tau$ = 13												
C	29	1	28	30	8	22	0	0	2	0	0	0	0	0	0	0	0	29	28	1	30	22	8	A
C	29	2	27	30	9	21	0	0	6	0	0	0	0	0	0	0	0	29	27	2	30	21	9	A
C	29	3	26	30	10	20	0	0	8	3	0	0	0	0	0	0	0	29	26	3	30	20	10	A
C	29	4	26	30	11	20	0	0	0	1	0	0	0	0	0	0	0	29	26	4	30	20	11	A
C	29	4	25	30	11	19	0	0	5	11	0	0	0	0	0	0	0	29	25	4	30	19	11	A
C	29	5	25	30	12	19	0	0	0	1	0	0	0	0	0	0	0	29	25	5	30	19	12	A
C	29	5	24	30	12	18	0	0	1	20	1	0	0	0	0	0	0	29	24	5	30	18	12	A
C	29	6	24	30	13	18	0	0	0	2	0	0	0	0	0	0	0	29	24	6	30	18	13	A
C	29	6	23	30	13	17	0	0	0	18	4	0	0	0	0	0	0	29	23	6	30	17	13	A
C	29	7	23	30	14	17	0	0	0	1	1	0	0	0	0	0	0	29	23	7	30	17	14	A
C	29	7	22	30	14	16	0	0	0	8	17	0	0	0	0	0	0	29	22	7	30	16	14	A
C	29	8	22	30	15	16	0	0	0	1	2	0	0	0	0	0	0	29	22	8	30	16	15	A
C	29	8	21	30	15	15	0	0	0	1	31	1	0	0	0	0	0	29	21	8	30	15	15	A
C	29	9	21	30	16	15	0	0	0	0	3	1	0	0	0	0	0	29	21	9	30	15	16	A
C	29	9	20	30	16	14	0	0	0	0	31	6	0	0	0	0	0	29	20	9	30	14	16	A
C	29	10	20	30	17	14	0	0	0	0	3	2	0	0	0	0	0	29	20	10	30	14	17	A
C	29	10	19	30	17	13	0	0	0	0	16	21	0	0	0	0	0	29	19	10	30	13	17	A
C	29	11	19	30	18	13	0	0	0	0	1	3	0	0	0	0	0	29	19	11	30	13	18	A
C	29	11	18	30	18	12	0	0	0	0	4	35	1	0	0	0	0	29	18	11	30	12	18	A
C	29	12	18	30	19	12	0	0	0	0	0	4	1	0	0	0	0	29	18	12	30	12	19	A
C	29	12	17	30	19	11	0	0	0	0	1	31	6	0	0	0	0	29	17	12	30	11	19	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 29 13 17 30 20 11	0	0	0	0	0	3	1	0	0	0	0	29 17 13 30 11 20 A
C 29 13 16 30 20 10	0	0	0	0	0	14	19	0	0	0	0	29 16 13 30 10 20 A
C 29 14 16 30 21 10	0	0	0	0	0	1	3	0	0	0	0	29 16 14 30 10 21 A
C 29 14 15 30 21 9	0	0	0	0	0	3	28	0	0	0	0	29 15 14 30 9 21 A
C 29 15 15 30 22 9	0	0	0	0	0	0	3	0	0	0	0	29 15 15 30 9 22 A
C 29 15 14 30 22 8	0	0	0	0	0	0	22	2	0	0	0	29 14 15 30 8 22 A
C 29 16 14 30 23 8	0	0	0	0	0	0	2	1	0	0	0	29 14 16 30 8 23 A
C 29 16 13 30 23 7	0	0	0	0	0	0	9	8	0	0	0	29 13 16 30 7 23 A
C 29 17 13 30 24 7	0	0	0	0	0	0	1	1	0	0	0	29 13 17 30 7 24 A
C 29 17 12 30 24 6	0	0	0	0	0	0	1	14	0	0	0	29 12 17 30 6 24 A
C 29 18 12 30 25 6	0	0	0	0	0	0	0	1	0	0	0	29 12 18 30 6 25 A
C 29 18 11 30 25 5	0	0	0	0	0	0	0	12	1	0	0	29 11 18 30 5 25 A
C 29 19 11 30 26 5	0	0	0	0	0	0	0	1	0	0	0	29 11 19 30 5 26 A
C 29 19 10 30 26 4	0	0	0	0	0	0	0	5	3	0	0	29 10 19 30 4 26 A
C 29 20 9 30 27 3	0	0	0	0	0	0	0	1	4	0	0	29 9 20 30 3 27 A
C 29 21 8 30 28 2	0	0	0	0	0	0	0	0	2	0	0	29 8 21 30 2 28 A
						Δτ = 14						
B 29 3 27 30 10 20	0	0	1	0	0	0	0	0	0	0	0	29 27 3 30 20 10 B
B 29 4 26 30 11 19	0	0	1	1	0	0	0	0	0	0	0	29 26 4 30 19 11 B
B 29 5 25 30 12 18	0	0	0	2	0	0	0	0	0	0	0	29 25 5 30 18 12 B
B 29 6 24 30 13 17	0	0	0	2	0	0	0	0	0	0	0	29 24 6 30 17 13 B
B 29 7 23 30 14 16	0	0	0	2	2	0	0	0	0	0	0	29 23 7 30 16 14 B
B 29 8 22 30 15 15	0	0	0	1	4	0	0	0	0	0	0	29 22 8 30 15 15 B
B 29 9 21 30 16 14	0	0	0	0	5	1	0	0	0	0	0	29 21 9 30 14 16 B
B 29 10 20 30 17 13	0	0	0	0	4	3	0	0	0	0	0	29 20 10 30 13 17 B
B 29 11 19 30 18 12	0	0	0	0	2	6	0	0	0	0	0	29 19 11 30 12 18 B
B 29 12 18 30 19 11	0	0	0	0	1	7	1	0	0	0	0	29 18 12 30 11 19 B
B 29 13 17 30 20 10	0	0	0	0	0	5	4	0	0	0	0	29 17 13 30 10 20 B
B 29 14 16 30 21 9	0	0	0	0	0	2	7	0	0	0	0	29 16 14 30 9 21 B
B 29 15 15 30 22 8	0	0	0	0	0	1	7	0	0	0	0	29 15 15 30 8 22 B
B 29 16 14 30 23 7	0	0	0	0	0	0	5	2	0	0	0	29 14 16 30 7 23 B
B 29 17 13 30 24 6	0	0	0	0	0	0	2	5	0	0	0	29 13 17 30 6 24 B
B 29 18 12 30 25 5	0	0	0	0	0	0	1	6	0	0	0	29 12 18 30 5 25 B
B 29 19 11 30 26 4	0	0	0	0	0	0	0	4	2	0	0	29 11 19 30 4 26 B
B 29 20 10 30 27 3	0	0	0	0	0	0	0	1	3	0	0	29 10 20 30 3 27 B
B 29 21 9 30 28 2	0	0	0	0	0	0	0	0	2	0	0	29 9 21 30 2 28 B
B 29 22 8 30 29 1	0	0	0	0	0	0	0	0	1	0	0	29 8 22 30 1 29 B
						Δτ = 15						
A 29 6 23 30 14 16	0	0	0	0	1	0	0	0	0	0	0	29 23 6 30 16 14 C
A 29 7 22 30 15 15	0	0	0	0	1	0	0	0	0	0	0	29 22 7 30 15 15 C
A 29 8 21 30 16 14	0	0	0	0	2	0	0	0	0	0	0	29 21 8 30 14 16 C
A 29 9 20 30 17 13	0	0	0	0	1	1	0	0	0	0	0	29 20 9 30 13 17 C
A 29 10 19 30 18 12	0	0	0	0	1	3	0	0	0	0	0	29 19 10 30 12 18 C
A 29 11 18 30 19 11	0	0	0	0	0	3	1	0	0	0	0	29 18 11 30 11 19 C
A 29 12 17 30 20 10	0	0	0	0	0	2	2	0	0	0	0	29 17 12 30 10 20 C
A 29 13 16 30 21 9	0	0	0	0	0	1	5	0	0	0	0	29 16 13 30 9 21 C
A 29 14 15 30 22 8	0	0	0	0	0	0	5	0	0	0	0	29 15 14 30 8 22 C
A 29 15 14 30 23 7	0	0	0	0	0	0	3	2	0	0	0	29 14 15 30 7 23 C
A 29 16 13 30 24 6	0	0	0	0	0	0	1	4	0	0	0	29 13 16 30 6 24 C
A 29 17 12 30 25 5	0	0	0	0	0	0	0	5	0	0	0	29 12 17 30 5 25 C
A 29 18 11 30 26 4	0	0	0	0	0	0	0	3	2	0	0	29 11 18 30 4 26 C
A 29 19 10 30 27 3	0	0	0	0	0	0	0	1	3	0	0	29 10 19 30 3 27 C
A 29 20 9 30 28 2	0	0	0	0	0	0	0	0	2	0	0	29 9 20 30 2 28 C
A 29 21 8 30 29 1	0	0	0	0	0	0	0	0	1	0	0	29 8 21 30 1 29 C
						Δτ = 16						

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	29	10	19	30	19	12	0	0	0	0	0	1	0	0	0	0	0	29	19	10	30	12	19	B
B	29	11	18	30	20	11	0	0	0	0	0	1	0	0	0	0	0	29	18	11	30	11	20	B
B	29	12	17	30	21	10	0	0	0	0	0	0	1	0	0	0	0	29	17	12	30	10	21	B
B	29	13	16	30	22	9	0	0	0	0	0	0	1	0	0	0	0	29	16	13	30	9	22	B
B	29	14	15	30	23	8	0	0	0	0	0	0	1	0	0	0	0	29	15	14	30	8	23	B
J=30				ΔJ = 0																				
												Δτ = 1												
C	30	15	15	30	16	15	1131452	1106959	1030970	921870	727642	564714	1163718	1399325	1459091	1474846	1475806	30	15	15	30	15	16	A
A	30	16	15	30	16	14	1679140	1678312	1664754	1613695	1420494	850179	707331	942209	1067053	1153018	1180645	30	15	16	30	14	16	C
C	30	16	14	30	17	14	1078978	1057178	989678	893498	727798	507332	893074	1195365	1266047	1284471	1285591	30	14	16	30	14	17	A
A	30	17	14	30	17	13	1895591	1894875	1883157	1839247	1676961	1246353	671244	952373	1097236	1195208	1226559	30	14	17	30	13	17	C
C	30	17	13	30	18	13	1023226	1003779	943659	858433	714490	529824	597793	1000521	1085443	1107177	1108495	30	13	17	30	13	18	A
A	30	18	13	30	18	12	2125161	2124541	2114390	2076481	1938439	1600051	753096	948639	1120491	1233317	1269194	30	13	18	30	12	18	C
C	30	18	12	30	19	12	964194	946843	893259	817568	691331	537585	394034	812308	917008	942952	944516	30	12	18	30	12	19	A
A	30	19	12	30	19	11	2367849	2367311	2358514	2325738	2207558	1929316	1140973	923956	1135209	1267037	1308548	30	12	19	30	11	19	C
C	30	19	11	30	20	11	901882	886426	838731	771529	660372	529041	353259	624631	760303	791775	793656	30	11	19	30	11	20	A
A	30	20	11	30	20	10	2623656	2623190	2615577	2587262	2485856	2252666	1657600	872459	1138696	1295902	1344624	30	11	20	30	10	20	C
C	30	20	10	30	21	10	836290	822573	780268	720766	622892	509337	362770	425758	614556	653616	655914	30	10	20	30	10	21	A
A	30	21	10	30	21	9	2892581	2892179	2885615	2861233	2774325	2577456	2110179	902029	1126026	1319172	1377419	30	10	21	30	9	21	C
C	30	21	9	30	22	9	767419	755319	718015	665614	579749	481251	359487	260421	478184	528425	531290	30	9	21	30	9	22	A
A	30	22	9	30	22	8	3174624	3174279	3168656	3147784	3073643	2907377	2527007	1304006	1087682	1335616	1406935	30	9	22	30	8	22	C
C	30	22	8	30	23	8	695269	684689	652085	606327	531544	446385	343643	204786	346964	416114	419785	30	8	22	30	8	23	A
A	30	23	8	30	23	7	3469785	3469493	3464721	3447021	3384299	3244618	2931873	1999798	1027042	1343027	1433172	30	8	23	30	7	23	C
C	30	23	7	30	24	7	619839	610706	582567	543102	478720	405757	318961	201470	215965	316520	321398	30	7	23	30	7	24	A
A	30	24	7	30	24	6	3778065	3777820	3773827	3759022	3706654	3590602	3334297	2629245	1159299	1337071	1456129	30	7	24	30	6	24	C
C	30	24	6	30	25	6	541129	533386	509531	476091	421607	360057	287456	192786	126471	229288	236129	30	6	24	30	6	25	A
A	30	25	6	30	25	5	4099462	4099262	4095987	4083853	4040984	3946315	3739135	3191238	1843318	1308500	1475806	30	6	25	30	5	25	C
C	30	25	5	30	26	5	459140	452742	433035	405418	360460	309779	250308	174327	101343	153424	163978	30	5	25	30	5	26	A
A	30	26	5	30	26	4	4433978	4433819	4431214	4421563	4387503	4312473	4149296	3727136	2780140	1251334	1492204	30	5	26	30	4	26	C
C	30	26	4	30	27	4	373871	368786	353124	331181	295481	255290	208280	148867	92772	86632	104946	30	4	26	30	4	27	A
A	30	27	4	30	27	3	4781613	4781492	4779516	4772196	4746380	4689614	4566690	4252916	3591716	1400489	1505323	30	4	27	30	3	27	C
C	30	27	3	30	28	3	285323	281527	269837	253461	226828	196870	161897	117953	77429	40667	59032	30	3	27	30	3	28	A
A	30	28	3	30	28	2	5142366	5142281	5140900	5135784	5117751	5078151	4992653	4776270	4333377	2393398	1515161	30	3	28	30	2	28	C
C	30	28	2	30	29	2	193495	190972	183204	172323	154630	134738	111542	82484	55971	23993	26237	30	2	28	30	2	29	A
A	30	29	2	30	29	1	5516237	5516186	5515372	5512356	5501728	5478409	5428162	5301668	5046651	3992290	1521720	30	2	29	30	1	29	C
C	30	29	1	30	30	1	98387	97128	93251	87820	78991	69068	57502	43033	29889	13909	6559	30	1	29	30	1	30	A
A	30	30	1	30	30	0	5903162	5903209	5902936	5901907	5898398	5890650	5873957	5832000	5747813	5414137	3050000	30	1	30	30	0	30	C
												Δτ = 2												
B	30	15	16	30	16	15	1131452	1156202	1236397	1361087	1609217	1871229	1609217	1361087	1236397	1156202	1131452	30	16	15	30	15	16	B
B	30	15	15	30	16	14	1131452	1156202	1236397	1361087	1609700	2278644	1730430	1440031	1298922	1208543	1180645	30	15	15	30	14	16	B
B	30	16	15	30	17	14	1078978	1101021	1172459	1283258	1500690	1811968	1724130	1440030	1298922	1208543	1180645	30	15	16	30	14	17	B
B	30	16	14	30	17	13	1078978	1101021	1172459	1283258	1500724	1883204	1911532	1521769	1360659	1258187	1226559	30	14	16	30	13	17	B
B	30	17	14	30	18	13	1023226	1042895	1106660	1205414	1397396	1684491	1829429	1521755	1360659	1258187	1226559	30	14	17	30	13	18	B
B	30	17	13	30	18	12	1023226	1042895	1106660	1205414	1397398	1689755	2300878	1608962	1422503	1305340	1269194	30	13	17	30	12	18	B
B	30	18	13	30	19	12	964194	981749	1038673	1126758	1296981	1548395	1860942	1608741	1422503	1305340	1269194	30	13	18	30	12	19	B
B	30	18	12	30	19	11	964194	981749	1038673	1126758	1296982	1548788	2248709	1706690	1485788	1350295	1308548	30	12	18	30	11	19	B
B	30	19	12	30	20	11	901882	917523	968254	1046716	1197768	1417855	1769491	1703625	1485787	1350295	1308548	30	12	19	30	11	20	B
B	30	19	11	30	20	10	901882	917523	968254	1046716	1197768	1417882	1831088	1840892	1552586	1393496	1344624	30	11	19	30	10	20	B
B	30	20	11	30	21	10	836290	850175	895215	964858	1098607	1291712	1610839	1798565	1552567	1393496	1344624	30	11	20	30	10	21	B
B	30	20	10	30	21	9	836290	850175	895215	964858	1098607	1291714	1615030	2180673	1626365	1435625	1377419	30	10	20	30	9	21	B
B	30	21	10	30	22	9	767419	779669	819414	880860	998683	1167804	1444238	1836891	1626004	1435625	1377419	30	10	21	30	9	22	B
B	30	21	9	30	22	8	767419	779669	819414	880860	998683	1167804	1444525	2342080	1714641	1477790	1406935	30	9	21	30	8	22	B
B	30	22	9	30	23	8	695269	705980	740737	794469	897398	1044588	1282516	1737850	1708972	1477790	1406935	30	9	22	30	8	23	B

												κ												
	J	K_{-1}	K_{+1}	—J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	—J	K_{-1}	K_{+1}	
B	30	22	8	30	23	7	695269	705980	740737	794469	897398	1044588	1282533	1856062	1867658	1521871	1433172	30	8	22	30	7	23	B
B	30	23	8	30	24	7	619839	629086	659095	705487	794301	921001	1124327	1536113	1784545	1521868	1433172	30	8	23	30	7	24	B
B	30	23	7	30	24	6	619839	629086	659095	705487	794301	921001	1124327	1543859	2286864	1571303	1456129	30	7	23	30	6	24	B
B	30	24	7	30	25	6	541129	548970	574417	613758	689044	796280	967595	1312757	1761859	1571199	1456129	30	7	24	30	6	25	B
B	30	24	6	30	25	5	541129	548970	574417	613758	689044	796280	967595	1313190	2205651	1633591	1475806	30	6	24	30	5	25	B
B	30	25	6	30	26	5	459140	465619	486646	519155	581352	669860	810863	1092494	1557834	1630846	1475806	30	6	25	30	5	26	B
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B	30	26	5	30	27	4	373871	379020	395734	421575	471008	541310	653122	875234	1255390	1690204	1492204	30	5	26	30	4	27	B
B	30	26	4	30	27	3	373871	379020	395734	421575	471008	541310	653122	875235	1258068	2193908	1505323	30	4	26	30	3	27	B
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B	30	28	3	30	29	2	193495	196049	204341	217161	241684	276541	331897	441358	627274	1223638	1515161	30	3	28	30	2	29	B
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A	30	16	14	30	18	13	0	93	1622	7373	28825	86153	612451	952359	1097236	1195208	1226559	30	14	16	30	13	18	C
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C	30	15	15	30	18	13	0	16	261	1145	4425	19783	56860	14482	3148	181	0	30	15	15	30	13	18	A
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	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
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A	30	20	11	30	22	8	0	36	617	2787	10648	29151	75571	63449	5425	297	0	30	11	20	30	8	22	C
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A	30	21	10	30	23	7	0	27	467	2109	8034	21841	55812	119864	9858	497	0	30	10	21	30	7	23	C
C	30	21	9	30	24	7	0	1	20	85	295	729	1700	8264	13496	772	0	30	9	21	30	7	24	A
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C	30	24	6	30	27	4	0	0	3	14	49	118	251	589	2132	2128	0	30	6	24	30	4	27	A
A	30	25	6	30	27	3	0	6	108	485	1833	4903	12049	33495	90847	10840	0	30	6	25	30	3	27	C
C	30	25	5	30	28	3	0	0	2	6	22	53	110	246	584	2728	0	30	5	25	30	3	28	A
A	30	26	5	30	28	2	0	4	62	279	1055	2814	6880	18839	50978	50352	0	30	5	26	30	2	28	C
C	30	26	4	30	29	2	0	0	1	2	8	19	39	84	176	1577	0	30	4	26	30	2	29	A
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C	30	27	3	30	30	1	0	0	0	1	2	4	9	18	36	185	0	30	3	27	30	1	30	A
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B	30	18	13	30	21	10	0	5	86	417	1845	6410	23192	12662	2277	121	0	30	13	18	30	10	21	B
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B	30	20	10	30	23	7	0	2	36	172	743	2431	8559	103937	10983	509	0	30	10	20	30	7	23	B
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B	30	23	8	30	26	5	0	0	7	35	148	464	1448	6345	18894	1683	0	30	8	23	30	5	26	B
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B	30	24	7	30	27	4	0	0	4	18	76	235	718	2947	12742	3430	0	30	7	24	30	4	27	B
B	30	24	6	30	27	3	0	0	4	18	76	235	718	2949	21349	11126	0	30	6	24	30	3	27	B
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C	30	15	16	30	18	12	0	16	261	1145	4423	12259	1432	45	2	0	0	30	16	15	30	12	18	A
A	30	15	15	30	19	12	0	0	0	7	126	1984	15804	3997	869	51	0	30	15	15	30	12	19	C
C	30	16	15	30	19	11	0	10	175	763	2855	8322	4908	86	4	0	0	30	15	16	30	11	19	A
A	30	16	14	30	20	11	0	0	0	4	67	703	16158	6279	1321	77	0	30	14	16	30	11	20	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	30	17	14	30	20	10	0	7	117	507	1853	5173	8866	175	7	0	0	30	14	17	30	10	20	A
A	30	17	13	30	21	10	0	0	0	2	36	330	7980	10087	2049	118	0	30	13	17	30	10	21	C
C	30	18	13	30	21	9	0	5	77	334	1199	3200	7933	462	13	0	0	30	13	18	30	9	21	A
A	30	18	12	30	22	9	0	0	0	1	19	164	2160	15564	3265	185	0	30	12	18	30	9	22	C
C	30	19	12	30	22	8	0	3	50	216	768	1981	5099	1740	27	0	0	30	12	19	30	8	22	A
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C	30	20	11	30	23	7	0	2	32	137	483	1215	2975	4100	62	0	0	30	11	20	30	7	23	A
A	30	20	10	30	24	7	0	0	0	0	5	40	311	10991	9219	497	0	30	10	20	30	7	24	C
C	30	21	10	30	24	6	0	1	20	85	295	729	1700	4091	207	0	0	30	10	21	30	6	24	A
A	30	21	9	30	25	6	0	0	0	0	3	19	137	2811	14570	872	0	30	9	21	30	6	25	C
C	30	22	9	30	25	5	0	1	12	50	174	423	949	2504	888	1	0	30	9	22	30	5	25	A
A	30	22	8	30	26	5	0	0	0	0	1	9	58	687	15287	1641	0	30	8	22	30	5	26	C
C	30	23	8	30	26	4	0	0	7	28	96	232	507	1267	1696	3	0	30	8	23	30	4	26	A
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C	30	24	7	30	27	3	0	0	3	14	49	118	251	589	1258	11	0	30	7	24	30	3	27	A
A	30	24	6	30	28	3	0	0	0	0	0	1	8	69	1024	6607	0	30	6	24	30	3	28	C
C	30	25	6	30	28	2	0	0	2	6	22	53	110	246	549	77	0	30	6	25	30	2	28	A
A	30	25	5	30	29	2	0	0	0	0	0	0	2	18	162	7816	0	30	5	25	30	2	29	C
C	30	26	5	30	29	1	0	0	1	2	8	19	39	84	175	189	0	30	5	26	30	1	29	A
A	30	26	4	30	30	1	0	0	0	0	0	0	0	3	22	2123	0	30	4	26	30	1	30	C
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C	30	14	16	30	19	12	0	0	0	1	24	683	862	45	2	0	0	30	16	14	30	12	19	A
A	30	15	16	30	19	11	0	0	0	7	126	1240	908	15	1	0	0	30	16	15	30	11	19	C
C	30	15	15	30	20	11	0	0	0	1	10	157	1223	85	4	0	0	30	15	15	30	11	20	A
A	30	16	15	30	20	10	0	0	0	4	67	659	2063	38	1	0	0	30	15	16	30	10	20	C
C	30	16	14	30	21	10	0	0	0	0	4	45	1038	169	7	0	0	30	14	16	30	10	21	A
A	30	17	14	30	21	9	0	0	0	2	36	329	2171	124	4	0	0	30	14	17	30	9	21	C
C	30	17	13	30	22	9	0	0	0	0	2	17	398	331	13	0	0	30	13	17	30	9	22	A
A	30	18	13	30	22	8	0	0	0	1	19	164	1386	587	9	0	0	30	13	18	30	8	22	C
C	30	18	12	30	23	8	0	0	0	0	1	7	84	529	27	0	0	30	12	18	30	8	23	A
A	30	19	12	30	23	7	0	0	0	1	10	82	682	1773	25	0	0	30	12	19	30	7	23	C
C	30	19	11	30	24	7	0	0	0	0	0	3	22	521	58	0	0	30	11	19	30	7	24	A
A	30	20	11	30	24	6	0	0	0	0	5	40	310	2185	106	0	0	30	11	20	30	6	24	C
C	30	20	10	30	25	6	0	0	0	0	0	1	7	232	121	0	0	30	10	20	30	6	25	A
A	30	21	10	30	25	5	0	0	0	0	3	19	137	1411	591	1	0	30	10	21	30	5	25	C
C	30	21	9	30	26	5	0	0	0	0	0	0	2	43	183	1	0	30	9	21	30	5	26	A
A	30	22	9	30	26	4	0	0	0	0	1	9	58	612	1501	2	0	30	9	22	30	4	26	C
C	30	22	8	30	27	4	0	0	0	0	0	0	1	7	141	2	0	30	8	22	30	4	27	A
A	30	23	8	30	27	3	0	0	0	0	0	4	23	219	1390	12	0	30	8	23	30	3	27	C
C	30	23	7	30	28	3	0	0	0	0	0	0	0	2	37	7	0	30	7	23	30	3	28	A
A	30	24	7	30	28	2	0	0	0	0	0	1	8	69	607	119	0	30	7	24	30	2	28	C
C	30	24	6	30	29	2	0	0	0	0	0	0	0	0	3	12	0	30	6	24	30	2	29	A
A	30	25	6	30	29	1	0	0	0	0	0	0	2	18	152	434	0	30	6	25	30	1	29	C
C	30	25	5	30	30	1	0	0	0	0	0	0	0	0	0	7	0	30	5	25	30	1	30	A
A	30	26	5	30	30	0	0	0	0	0	0	0	0	3	22	279	0	30	5	26	30	0	30	C
												$\Delta\tau$ = 10												
B	30	13	18	30	18	13	0	0	0	4	87	463	87	4	0	0	0	30	18	13	30	13	18	B
B	30	13	17	30	18	12	0	0	0	4	93	3213	325	8	0	0	0	30	17	13	30	12	18	B
B	30	14	17	30	19	12	0	0	0	2	36	367	196	8	0	0	0	30	17	14	30	12	19	B
B	30	14	16	30	19	11	0	0	0	2	37	1364	1395	19	1	0	0	30	16	14	30	11	19	B
B	30	15	16	30	20	11	0	0	0	1	16	196	353	19	1	0	0	30	16	15	30	11	20	B
B	30	15	15	30	20	10	0	0	0	1	16	313	3120	48	2	0	0	30	15	15	30	10	20	B

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
B 30 16 15 30 21 10	0	0	0	0	7	84	423	46	2	0	0	30 15 16 30 10 21 B
B 30 16 14 30 21 9	0	0	0	0	7	89	2927	155	4	0	0	30 14 16 30 9 21 B
B 30 17 14 30 22 9	0	0	0	0	3	34	314	111	4	0	0	30 14 17 30 9 22 B
B 30 17 13 30 22 8	0	0	0	0	3	34	1137	734	10	0	0	30 13 17 30 8 22 B
B 30 18 13 30 23 8	0	0	0	0	1	14	153	224	10	0	0	30 13 18 30 8 23 B
B 30 18 12 30 23 7	0	0	0	0	1	14	239	2200	28	0	0	30 12 18 30 7 23 B
B 30 19 12 30 24 7	0	0	0	0	1	5	59	301	26	0	0	30 12 19 30 7 24 B
B 30 19 11 30 24 6	0	0	0	0	1	5	62	2547	118	0	0	30 11 19 30 6 24 B
B 30 20 11 30 25 6	0	0	0	0	0	2	21	235	69	0	0	30 11 20 30 6 25 B
B 30 20 10 30 25 5	0	0	0	0	0	2	21	1157	657	1	0	30 10 20 30 5 25 B
B 30 21 10 30 26 5	0	0	0	0	0	1	7	108	137	1	0	30 10 21 30 5 26 B
B 30 21 9 30 26 4	0	0	0	0	0	1	7	214	1651	2	0	30 9 21 30 4 26 B
B 30 22 9 30 27 4	0	0	0	0	0	0	2	33	153	2	0	30 9 22 30 4 27 B
B 30 22 8 30 27 3	0	0	0	0	0	0	2	37	1397	13	0	30 8 22 30 3 27 B
B 30 23 8 30 28 3	0	0	0	0	0	0	1	8	83	8	0	30 8 23 30 3 28 B
B 30 23 7 30 28 2	0	0	0	0	0	0	1	8	373	122	0	30 7 23 30 2 28 B
B 30 24 7 30 29 2	0	0	0	0	0	0	0	2	21	20	0	30 7 24 30 2 29 B
B 30 24 6 30 29 1	0	0	0	0	0	0	0	2	35	444	0	30 6 24 30 1 29 B
B 30 25 6 30 30 1	0	0	0	0	0	0	0	0	2	17	0	30 6 25 30 1 30 B
B 30 25 5 30 30 0	0	0	0	0	0	0	0	0	2	273	0	30 5 25 30 0 30 B
						$\Delta\tau = 11$						
C 30 13 18 30 18 12	0	0	0	3	56	227	7	0	0	0	0	30 18 13 30 12 18 A
A 30 13 17 30 19 12	0	0	0	0	2	162	127	7	0	0	0	30 17 13 30 12 19 C
C 30 14 17 30 19 11	0	0	0	1	24	183	39	0	0	0	0	30 17 14 30 11 19 A
A 30 14 16 30 20 11	0	0	0	0	1	54	229	15	1	0	0	30 16 14 30 11 20 C
C 30 15 16 30 20 10	0	0	0	1	10	98	110	0	0	0	0	30 16 15 30 10 20 A
A 30 15 15 30 21 10	0	0	0	0	0	10	270	37	1	0	0	30 15 15 30 10 21 C
C 30 16 15 30 21 9	0	0	0	0	4	42	146	2	0	0	0	30 15 16 30 9 21 A
A 30 16 14 30 22 9	0	0	0	0	0	2	178	89	4	0	0	30 14 16 30 9 22 C
C 30 17 14 30 22 8	0	0	0	0	2	17	110	10	0	0	0	30 14 17 30 8 22 A
A 30 17 13 30 23 8	0	0	0	0	0	1	53	179	9	0	0	30 13 17 30 8 23 C
C 30 18 13 30 23 7	0	0	0	0	1	7	54	37	0	0	0	30 13 18 30 7 23 A
A 30 18 12 30 24 7	0	0	0	0	0	0	9	239	24	0	0	30 12 18 30 7 24 C
C 30 19 12 30 24 6	0	0	0	0	0	3	21	59	1	0	0	30 12 19 30 6 24 A
A 30 19 11 30 25 6	0	0	0	0	0	0	2	175	62	0	0	30 11 19 30 6 25 C
C 30 20 11 30 25 5	0	0	0	0	0	1	7	47	4	0	0	30 11 20 30 5 25 A
A 30 20 10 30 26 5	0	0	0	0	0	0	0	56	123	1	0	30 10 20 30 5 26 C
C 30 21 10 30 26 4	0	0	0	0	0	0	2	22	12	0	0	30 10 21 30 4 26 A
A 30 21 9 30 27 4	0	0	0	0	0	0	0	7	136	2	0	30 9 21 30 4 27 C
C 30 22 9 30 27 3	0	0	0	0	0	0	1	7	15	0	0	30 9 22 30 3 27 A
A 30 22 8 30 28 3	0	0	0	0	0	0	0	1	67	8	0	30 8 22 30 3 28 C
C 30 23 8 30 28 2	0	0	0	0	0	0	0	2	8	0	0	30 8 23 30 2 28 A
A 30 23 7 30 29 2	0	0	0	0	0	0	0	0	10	19	0	30 7 23 30 2 29 C
C 30 24 7 30 29 1	0	0	0	0	0	0	0	0	2	0	0	30 7 24 30 1 29 A
A 30 24 6 30 30 1	0	0	0	0	0	0	0	0	0	16	0	30 6 24 30 1 30 C
						$\Delta\tau = 13$						
C 30 12 18 30 19 12	0	0	0	0	1	23	4	0	0	0	0	30 18 12 30 12 19 A
A 30 13 18 30 19 11	0	0	0	0	2	23	5	0	0	0	0	30 18 13 30 11 19 C
C 30 13 17 30 20 11	0	0	0	0	0	13	10	0	0	0	0	30 17 13 30 11 20 A
A 30 14 17 30 20 10	0	0	0	0	1	14	16	0	0	0	0	30 17 14 30 10 20 C
C 30 14 16 30 21 10	0	0	0	0	0	3	15	0	0	0	0	30 16 14 30 10 21 A
A 30 15 16 30 21 9	0	0	0	0	0	6	27	0	0	0	0	30 16 15 30 9 21 C
C 30 15 15 30 22 9	0	0	0	0	0	1	13	1	0	0	0	30 15 15 30 9 22 A
A 30 16 15 30 22 8	0	0	0	0	0	2	25	2	0	0	0	30 15 16 30 8 22 C
C 30 16 14 30 23 8	0	0	0	0	0	0	7	3	0	0	0	30 14 16 30 8 23 A

	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	
A	30	17	14	30	23	7	0	0	0	0	0	1	15	10	0	0	0	30	14	17	30	7	23	C
C	30	17	13	30	24	7	0	0	0	0	0	0	2	5	0	0	0	30	13	17	30	7	24	A
A	30	18	13	30	24	6	0	0	0	0	0	0	6	20	0	0	0	30	13	18	30	6	24	C
C	30	18	12	30	25	6	0	0	0	0	0	0	0	5	0	0	0	30	12	18	30	6	25	A
A	30	19	12	30	25	5	0	0	0	0	0	0	2	20	2	0	0	30	12	19	30	5	25	C
C	30	19	11	30	26	5	0	0	0	0	0	0	0	3	1	0	0	30	11	19	30	5	26	A
A	30	20	11	30	26	4	0	0	0	0	0	0	0	11	6	0	0	30	11	20	30	4	26	C
C	30	20	10	30	27	4	0	0	0	0	0	0	0	1	1	0	0	30	10	20	30	4	27	A
A	30	21	10	30	27	3	0	0	0	0	0	0	0	4	10	0	0	30	10	21	30	3	27	C
C	30	21	9	30	28	3	0	0	0	0	0	0	0	0	1	0	0	30	9	21	30	3	28	A
A	30	22	9	30	28	2	0	0	0	0	0	0	0	1	7	0	0	30	9	22	30	2	28	C
A	30	23	8	30	29	1	0	0	0	0	0	0	0	0	2	0	0	30	8	23	30	1	29	C
A	30	24	7	30	30	0	0	0	0	0	0	0	0	0	0	1	0	30	7	24	30	0	30	C
												$\Delta\tau = 14$												
B	30	12	19	30	19	12	0	0	0	0	1	5	1	0	0	0	0	30	19	12	30	12	19	B
B	30	12	18	30	19	11	0	0	0	0	1	45	7	0	0	0	0	30	18	12	30	11	19	B
B	30	13	18	30	20	11	0	0	0	0	0	4	2	0	0	0	0	30	18	13	30	11	20	B
B	30	13	17	30	20	10	0	0	0	0	0	26	25	0	0	0	0	30	17	13	30	10	20	B
B	30	14	17	30	21	10	0	0	0	0	0	2	3	0	0	0	0	30	17	14	30	10	21	B
B	30	14	16	30	21	9	0	0	0	0	0	7	41	0	0	0	0	30	16	14	30	9	21	B
B	30	15	16	30	22	9	0	0	0	0	0	1	4	0	0	0	0	30	16	15	30	9	22	B
B	30	15	15	30	22	8	0	0	0	0	0	1	38	3	0	0	0	30	15	15	30	8	22	B
B	30	16	15	30	23	8	0	0	0	0	0	0	3	1	0	0	0	30	15	16	30	8	23	B
B	30	16	14	30	23	7	0	0	0	0	0	0	20	13	0	0	0	30	14	16	30	7	23	B
B	30	17	14	30	24	7	0	0	0	0	0	0	1	2	0	0	0	30	14	17	30	7	24	B
B	30	17	13	30	24	6	0	0	0	0	0	0	5	25	0	0	0	30	13	17	30	6	24	B
B	30	18	13	30	25	6	0	0	0	0	0	0	0	2	0	0	0	30	13	18	30	6	25	B
B	30	18	12	30	25	5	0	0	0	0	0	0	1	25	2	0	0	30	12	18	30	5	25	B
B	30	19	12	30	26	5	0	0	0	0	0	0	0	2	0	0	0	30	12	19	30	5	26	B
B	30	19	11	30	26	4	0	0	0	0	0	0	0	13	7	0	0	30	11	19	30	4	26	B
B	30	20	11	30	27	4	0	0	0	0	0	0	0	1	1	0	0	30	11	20	30	4	27	B
B	30	20	10	30	27	3	0	0	0	0	0	0	0	3	11	0	0	30	10	20	30	3	27	B
B	30	21	10	30	28	3	0	0	0	0	0	0	0	0	1	0	0	30	10	21	30	3	28	B
B	30	21	9	30	28	2	0	0	0	0	0	0	0	0	8	0	0	30	9	21	30	2	28	B
B	30	22	8	30	29	1	0	0	0	0	0	0	0	0	2	1	0	30	8	22	30	1	29	B
B	30	23	7	30	30	0	0	0	0	0	0	0	0	0	0	1	0	30	7	23	30	0	30	B
												$\Delta\tau = 15$												
C	30	12	19	30	19	11	0	0	0	0	0	2	0	0	0	0	0	30	19	12	30	11	19	A
A	30	12	18	30	20	11	0	0	0	0	0	2	1	0	0	0	0	30	18	12	30	11	20	C
C	30	13	18	30	20	10	0	0	0	0	0	2	1	0	0	0	0	30	18	13	30	10	20	A
A	30	13	17	30	21	10	0	0	0	0	0	1	2	0	0	0	0	30	17	13	30	10	21	C
C	30	14	17	30	21	9	0	0	0	0	0	1	1	0	0	0	0	30	17	14	30	9	21	A
A	30	14	16	30	22	9	0	0	0	0	0	0	3	0	0	0	0	30	16	14	30	9	22	C
C	30	15	16	30	22	8	0	0	0	0	0	0	1	0	0	0	0	30	16	15	30	8	22	A
A	30	15	15	30	23	8	0	0	0	0	0	0	2	1	0	0	0	30	15	15	30	8	23	C
C	30	16	15	30	23	7	0	0	0	0	0	0	1	0	0	0	0	30	15	16	30	7	23	A
A	30	16	14	30	24	7	0	0	0	0	0	0	1	1	0	0	0	30	14	16	30	7	24	C
A	30	17	13	30	25	6	0	0	0	0	0	0	0	2	0	0	0	30	13	17	30	6	25	C
A	30	18	12	30	26	5	0	0	0	0	0	0	0	1	0	0	0	30	12	18	30	5	26	C
A	30	19	11	30	27	4	0	0	0	0	0	0	0	0	1	0	0	30	11	19	30	4	27	C
A	30	20	10	30	28	3	0	0	0	0	0	0	0	0	1	0	0	30	10	20	30	3	28	C

J=30 $\Delta J = 1$

$\Delta\tau = 0$

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	30	15	15	31	16	16	1743548	1715655	1623768	1476134	1159230	701732	1159230	1476134	1623768	1715655	1743548	30	15	15	31	16	16	B
B	30	16	14	31	17	15	1819355	1794412	1712477	1581973	1311301	824651	984579	1366681	1534767	1638102	1669355	30	14	16	31	15	17	B
B	30	17	13	31	18	14	1896774	1874460	1801322	1685569	1450676	1053520	788486	1251435	1444871	1561636	1596774	30	13	17	31	14	18	B
B	30	18	12	31	19	13	1975806	1955864	1890614	1787841	1582345	1254871	708405	1126595	1353193	1486091	1525806	30	12	18	31	13	19	B
B	30	19	11	31	20	12	2056452	2038674	1980588	1889437	1709079	1431549	880292	984825	1258367	1411232	1456452	30	11	19	31	12	20	B
B	30	20	10	31	21	11	2138710	2122927	2071421	1990829	1832587	1594444	1152047	818514	1158131	1336707	1388710	30	10	20	31	11	21	B
B	30	21	9	31	22	10	2222581	2208655	2163252	2092374	1954010	1748898	1388843	715700	1048380	1261971	1322581	30	9	21	31	10	22	B
B	30	22	8	31	23	9	2308065	2295881	2256189	2194343	2074150	1897870	1598374	872222	921153	1186139	1258065	30	8	22	31	9	23	B
B	30	23	7	31	24	8	2395161	2384624	2350319	2296950	2193595	2043193	1792859	1212834	777351	1107654	1195161	30	7	23	31	8	24	B
B	30	24	6	31	25	7	2483871	2474901	2445714	2400365	2312788	2186095	1978114	1526065	762108	1023520	1133871	30	6	24	31	7	25	B
B	30	25	5	31	26	6	2574194	2566724	2542430	2504725	2432072	2327445	2157345	1800489	1071126	927481	1074194	30	5	25	31	6	26	B
B	30	26	4	31	27	5	2666129	2660103	2640516	2610141	2551721	2467885	2332542	2054570	1524503	815254	1016129	30	4	26	31	5	27	B
B	30	27	3	31	28	4	2759677	2755049	2740010	2716705	2671950	2607903	2505040	2296656	1920269	825845	959677	30	3	27	31	4	28	B
B	30	28	2	31	29	3	2854839	2851569	2840945	2824494	2792940	2747879	2675790	2531084	2276887	1289717	904839	30	2	28	31	3	29	B
B	30	29	1	31	30	2	2951613	2949667	2943350	2933572	2914834	2888119	2845494	2760448	2613322	2066381	851613	30	1	29	31	2	30	B
B	30	30	0	31	31	1	3049969	3049352	3047248	3043980	3037755	3028867	3014692	2986455	2937826	2763510	1600000	30	0	30	31	1	31	B
												$\Delta\tau$ = 1												
C	30	0	30	31	1	30	1600000	415541	269337	230332	210624	202735	199062	197386	196911	196782	196776	30	30	0	31	30	1	A
C	30	1	30	31	2	30	851613	415025	269337	230332	210624	202735	199063	197386	196911	196782	196774	30	30	1	31	30	2	A
C	30	1	29	31	2	29	851613	833490	529956	453129	414342	398821	391598	388301	387365	387112	387097	30	29	1	31	29	2	A
C	30	2	29	31	3	29	904839	801745	529955	453129	414342	398821	391598	388301	387365	387112	387097	30	29	2	31	29	3	A
C	30	2	28	31	3	28	904839	1364207	782216	668452	611162	588261	577606	572744	571363	570991	570968	30	28	2	31	28	3	A
C	30	3	28	31	4	28	959677	1078035	782191	668452	611162	588261	577606	572744	571363	570991	570968	30	28	3	31	28	4	A
C	30	3	27	31	4	27	959677	1418102	1026856	876415	801099	771055	757087	750714	748906	748417	748387	30	27	3	31	27	4	A
C	30	4	27	31	5	27	1016129	1178139	1026102	876415	801099	771055	757087	750714	748906	748417	748387	30	27	4	31	27	5	A
C	30	4	26	31	5	26	1016129	1216204	1274502	1077219	984177	947208	930041	922213	919992	919392	919355	30	26	4	31	26	5	A
C	30	5	26	31	6	26	1074194	1206005	1254802	1077215	984177	947208	930041	922213	919992	919392	919355	30	26	5	31	26	6	A
C	30	5	25	31	6	25	1074194	1207970	1612403	1271215	1160438	1116725	1096468	1087240	1084621	1083914	1083871	30	25	5	31	25	6	A
C	30	6	25	31	7	25	1133871	1237013	1430223	1271133	1160438	1116725	1096468	1087240	1084621	1083914	1083871	30	25	6	31	25	7	A
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C	30	19	12	31	20	12	2056452	2073957	2127595	2202174	2322740	2459268	2614174	2643789	2637253	2635585	2635484	30	12	19	31	12	20	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
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C	30	20	11	31	21	11	2138710	2154257	2201932	2268273	2375467	2496152	2639401	2717567	2711475	2709779	2709677	30	11	20	31	11	21	A
C	30	20	10	31	21	10	2138710	2154257	2201932	2268273	2375467	2496154	2642615	2797543	2779227	2777520	2777419	30	10	20	31	10	21	A
C	30	21	10	31	22	10	2222581	2236305	2278415	2337061	2431822	2538155	2663901	2779887	2779225	2777520	2777419	30	10	21	31	10	22	A
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C	30	26	5	31	27	5	2666129	2672075	2690362	2715918	2757332	2803709	2857606	2925037	2986323	3019177	3019355	30	5	26	31	5	27	A
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C	30	27	4	31	28	4	2759677	2764245	2778298	2797947	2829810	2865514	2907008	2958817	3005982	3047022	3048387	30	4	27	31	4	28	A
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C	30	28	2	31	29	2	2854839	2858067	2868000	2881896	2904444	2929726	2959119	2995794	3029070	3074486	3087097	30	2	28	31	2	29	A
C	30	29	2	31	30	2	2951613	2953533	2959444	2967715	2981144	2996210	3013734	3035601	3055407	3078992	3087097	30	2	29	31	2	30	A
C	30	29	1	31	30	1	2951611	2953533	2959441	2967715	2981144	2996210	3013734	3035601	3055407	3079581	3096774	30	1	29	31	1	30	A
C	30	30	1	31	31	1	3050000	3050639	3052607	3055361	3059834	3064851	3070687	3077966	3084554	3092469	3096774	30	1	30	31	1	31	A
C	30	30	0	31	31	0	3049999	3050515	3052440	3055359	3059834	3064851	3070687	3077966	3084554	3092486	3100000	30	0	30	31	0	31	A
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B	30	1	30	31	2	29	851613	25075	7255	4296	2939	2357	2026	1809	1701	1634	1613	30	30	1	31	29	2	B
B	30	2	29	31	3	28	904839	117453	22443	13058	8861	7085	6082	5429	5104	4900	4839	30	29	2	31	28	3	B
B	30	3	28	31	4	27	959677	440979	46507	26498	17817	14199	12171	10858	10208	9801	9677	30	28	3	31	27	4	B
B	30	4	27	31	5	26	1016129	775403	81759	44877	29862	23712	20296	18096	17011	16334	16129	30	27	4	31	26	5	B
B	30	5	26	31	6	25	1074194	925401	156361	68503	45059	35638	30456	27140	25513	24500	24194	30	26	5	31	25	6	B
B	30	6	25	31	7	24	1133871	1023436	386366	97707	63469	49985	42647	37986	35710	34297	33871	30	25	6	31	24	7	B
B	30	7	24	31	8	23	1195161	1107651	715613	135519	85143	66757	56863	50627	47599	45725	45161	30	24	7	31	23	8	B
B	30	8	23	31	9	22	1258065	1186139	916155	224649	110075	85943	73087	65052	61173	58782	58065	30	23	8	31	22	9	B
B	30	9	22	31	10	21	1322581	1261971	1048027	476137	138088	107505	91293	81243	76424	73466	72581	30	22	9	31	21	10	B
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B	30	13	18	31	14	17	1596774	1561636	1444871	1251417	723511	213009	182408	162972	153849	148384	146774	30	18	13	31	17	14	B
B	30	14	17	31	15	16	1669355	1638102	1534767	1366680	977877	262647	208682	187281	177148	171119	169355	30	17	14	31	16	15	B
B	30	15	16	31	16	15	1743548	1715655	1623768	1476134	1158606	436492	235050	212838	201899	195427	193548	30	16	15	31	15	16	B
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B	30	17	14	31	18	13	1896774	1874460	1801322	1685569	1450672	1047424	304046	266147	255234	248643	246774	30	14	17	31	13	18	B
B	30	18	13	31	19	12	1975806	1955864	1890614	1787841	1582345	1254291	477101	292209	283349	277451	275806	30	13	18	31	12	19	B
B	30	19	12	31	20	11	2056452	2038674	1980588	1889437	1709078	1431501	829564	315346	311856	307614	306452	30	12	19	31	11	20	B
B	30	20	11	31	21	10	2138710	2122927	2071421	1990829	1832587	1594440	1146758	340157	339894	338982	338710	30	11	20	31	10	21	B
B	30	21	10	31	22	9	2222581	2208655	2163252	2092374	1954010	1748897	1388354	451273	365777	371308	372581	30	10	21	31	9	22	B
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B	30	23	8	31	24	7	2395161	2384624	2350319	2296950	2193595	2043193	1792857	1203478	412200	436714	445161	30	8	23	31	7	24	B
B	30	24	7	31	25	6	2483871	2474901	2445714	2400365	2312788	2186095	1978114	1525257	573531	467296	483871	30	7	24	31	6	25	B
B	30	25	6	31	26	5	2574194	2566724	2542430	2504725	2432072	2327445	2157345	1800431	1025046	492200	524194	30	6	25	31	5	26	B
B	30	26	5	31	27	4	2666129	2660103	2640516	2610141	2551721	2467885	2332542	2054566	1520320	511926	566129	30	5	26	31	4	27	B
B	30	27	4	31	28	3	2759677	2755049	2740010	2716705	2671950	2607903	2505040	2296656	1919988	655438	609677	30	4	27	31	3	28	B
B	30	28	3	31	29	2	2854839	2851568	2840945	2824494	2792940	2747879	2675790	2531084	2276874	1238570	654839	30	3	28	31	2	29	B
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B	30	30	1	31	31	0	3049974	3049226	3047051	3043963	3037754	3028867	3014692	2986455	2937826	2763405	1500C00	30	1	30	31	0	31	B
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	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
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A	30	1	30	31	3	29	0	591	727	860	1029	1179	1317	1448	1531	1593	1613	30	30	1	31	29	3	C
A	30	1	29	31	3	28	0	2938	2265	2623	3108	3547	3957	4345	4595	4778	4839	30	29	1	31	28	3	C
A	30	2	29	31	4	28	0	1610	2265	2623	3108	3547	3957	4345	4595	4778	4839	30	29	2	31	28	4	C
A	30	2	28	31	4	27	0	6500	4760	5352	6267	7121	7925	8694	9191	9557	9677	30	28	2	31	27	4	C
A	30	3	28	31	5	27	0	1982	4751	5352	6267	7121	7925	8694	9191	9557	9677	30	28	3	31	27	5	C
A	30	3	27	31	5	26	0	3148	8608	9148	10548	11920	13234	14500	15322	15928	16129	30	27	3	31	26	5	C
A	30	4	27	31	6	26	0	1567	8329	9148	10548	11920	13234	14500	15322	15928	16129	30	27	4	31	26	6	C
A	30	4	26	31	6	25	0	1633	16941	14178	16016	17978	19899	21769	22990	23894	24194	30	26	4	31	25	6	C
A	30	5	26	31	7	25	0	1148	12324	14175	16016	17978	19899	21769	22990	23894	24194	30	26	5	31	25	7	C
A	30	5	25	31	7	24	0	1150	31450	20746	22764	25337	27940	30509	32199	33454	33871	30	25	5	31	24	7	C
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A	30	8	23	31	10	22	0	562	10085	35750	40763	44241	48288	52463	55263	57364	58065	30	23	8	31	22	10	C
A	30	8	22	31	10	21	0	562	10128	73277	52660	56015	60696	65719	69137	71718	72581	30	22	8	31	21	10	C
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A	30	9	21	31	11	20	0	468	8294	48827	67764	69591	74701	80537	84589	87675	88710	30	21	9	31	20	11	C
A	30	10	21	31	12	20	0	396	6955	32680	66580	69591	74701	80537	84589	87675	88710	30	21	10	31	20	12	C
A	30	10	20	31	12	19	0	396	6955	33737	95744	85302	90426	96967	101642	105239	106452	30	20	10	31	19	12	C
A	30	11	20	31	13	19	0	339	5927	27629	80348	85294	90426	96967	101642	105239	106452	30	20	11	31	19	13	C
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A	30	12	19	31	14	18	0	293	5109	23527	85853	103607	108055	115077	120322	124418	125806	30	19	12	31	18	14	C
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A	30	17	14	31	19	13	0	152	2644	11914	45200	122355	232186	236515	240368	245024	246774	30	14	17	31	13	19	C
A	30	17	13	31	19	12	0	152	2644	11914	45200	122874	370796	269777	270680	274302	275806	30	13	17	31	12	19	C
A	30	18	13	31	20	12	0	134	2326	10472	39543	105810	239540	269682	270680	274302	275806	30	13	18	31	12	20	C
A	30	18	12	31	20	11	0	134	2326	10472	39543	105846	320537	308806	303817	305452	306452	30	12	18	31	11	20	C
A	30	19	12	31	21	11	0	118	2042	9184	34570	91686	219928	307414	303816	305452	306452	30	12	19	31	11	21	C
A	30	19	11	31	21	10	0	118	2042	9184	34570	91688	230162	366371	340502	338621	338710	30	11	19	31	10	21	C
A	30	20	11	31	22	10	0	103	1784	8021	30126	79426	190343	346034	340493	338621	338710	30	11	20	31	10	22	C
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A	30	21	9	31	23	8	0	89	1549	6961	26103	68544	162676	525746	431522	412120	408065	30	9	21	31	8	23	C
A	30	22	9	31	24	8	0	77	1332	5985	22420	58714	138261	339444	428783	412120	408065	30	9	22	31	8	24	C
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A	30	26	5	31	28	4	0	35	599	2689	10054	26207	60994	148495	324314	606213	566129	30	5	26	31	4	28	C
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A	30	27	4	31	29	3	0	25	440	1974	7379	19227	44710	108578	235992	599845	609677	30	4	27	31	3	29	C
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	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
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A	30	29	2	31	31	1	0	8	141	633	2367	6167	14330	34731	75136	226585	701613	30	2	29	31	1	31	C
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B	30	1	29	31	4	28	0	56338	22440	13058	8861	7085	6082	5429	5104	4900	4839	30	29	1	31	28	4	B
B	30	2	28	31	5	27	0	34754	46406	26498	17817	14199	12171	10858	10208	9801	9677	30	28	2	31	27	5	B
B	30	3	27	31	6	26	0	8025	78659	44877	29862	23712	20296	18096	17011	16334	16129	30	27	3	31	26	6	B
B	30	4	26	31	7	25	0	2771	103106	68484	45059	35638	30456	27140	25513	24500	24194	30	26	4	31	25	7	B
B	30	5	25	31	8	24	0	1402	70363	97290	63469	49985	42647	37986	35710	34297	33871	30	25	5	31	24	8	B
B	30	6	24	31	9	23	0	799	23913	127315	85142	66757	56863	50627	47599	45725	45161	30	24	6	31	23	9	B
B	30	7	23	31	10	22	0	488	10220	131679	110061	85943	73087	65052	61173	58782	58065	30	23	7	31	22	10	B
B	30	8	22	31	11	21	0	315	6101	73825	137843	107505	91293	81243	76424	73466	72581	30	22	8	31	21	11	B
B	30	9	21	31	12	20	0	211	3979	28030	165442	131348	111437	99178	93339	89774	88710	30	21	9	31	20	12	B
B	30	10	20	31	13	19	0	146	2705	14829	173783	157221	133442	118818	111900	107701	106452	30	20	10	31	19	13	B
B	30	11	19	31	14	18	0	103	1894	9809	118369	184309	157177	140110	132083	127240	125806	30	19	11	31	18	14	B
B	30	12	18	31	15	17	0	74	1355	6831	49290	208496	182407	162972	153849	148384	146774	30	18	12	31	17	15	B
B	30	13	17	31	16	16	0	54	984	4880	24812	207823	208658	187281	177148	171119	169355	30	17	13	31	16	16	B
B	30	14	16	31	17	15	0	40	723	3545	16531	136908	234702	212838	201899	195427	193548	30	16	14	31	15	17	B
B	30	15	15	31	18	14	0	30	535	2604	11723	58117	255392	239318	227988	221282	219355	30	15	15	31	14	18	B
B	30	16	14	31	19	13	0	22	398	1925	8471	30394	245336	266138	255234	248643	246774	30	14	16	31	13	19	B
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B	30	21	9	31	24	6	0	5	85	406	1708	5238	15711	96913	382758	404157	408065	30	9	21	31	8	24	B
B	30	22	8	31	25	7	0	3	60	285	1196	3639	10686	43095	360754	436713	445161	30	8	22	31	7	25	B
B	30	23	7	31	26	6	0	2	41	195	814	2460	7113	25668	223104	467240	483871	30	7	23	31	6	26	B
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B	30	25	5	31	28	4	0	1	16	78	325	973	2757	9332	33273	479414	566129	30	5	25	31	4	28	B
B	30	26	4	31	29	3	0	1	9	43	180	537	1511	5020	16613	312440	609677	30	4	26	31	3	29	B
B	30	27	3	31	30	2	0	0	4	20	83	248	695	2276	7290	81418	654839	30	3	27	31	2	30	B
B	30	28	2	31	31	1	0	0	1	6	26	77	214	694	2173	15020	701613	30	2	28	31	1	31	B
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C	30	1	30	31	4	28	0	2119	277	86	29	11	4	1	0	0	0	30	30	1	31	28	4	A
C	30	1	29	31	4	27	0	33357	1302	380	123	48	17	5	1	0	0	30	29	1	31	27	4	A
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C	30	2	28	31	5	26	0	32566	4030	1062	332	127	46	12	3	0	0	30	28	2	31	26	5	A
C	30	3	28	31	6	26	0	4792	3889	1062	332	127	46	12	3	0	0	30	28	3	31	26	6	A
C	30	3	27	31	6	25	0	7833	12734	2412	720	273	99	26	6	0	0	30	27	3	31	25	6	A
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C	30	4	26	31	7	24	0	2704	45452	4917	1381	513	184	48	11	1	0	30	26	4	31	24	7	A
C	30	5	26	31	8	24	0	1365	13626	4898	1381	513	184	48	11	1	0	30	26	5	31	24	8	A
C	30	5	25	31	8	23	0	1367	57535	9745	2447	889	316	82	18	1	0	30	25	5	31	23	8	A
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C	30	6	24	31	9	22	0	779	21635	23626	4123	1451	510	131	29	2	0	30	24	6	31	22	9	A
C	30	7	24	31	10	22	0	476	8652	15256	4123	1451	510	131	29	2	0	30	24	7	31	22	10	A
C	30	7	23	31	10	21	0	476	9245	61597	6747	2276	788	201	44	3	0	30	23	7	31	21	10	A
C	30	8	23	31	11	21	0	307	5480	18939	6736	2276	788	201	44	3	0	30	23	8	31	21	11	A
C	30	8	22	31	11	20	0	307	5504	56138	11010	3472	1179	299	66	4	0	30	22	8	31	20	11	A
C	30	9	22	31	12	20	0	206	3584	16412	10788	3472	1179	299	66	4	0	30	22	9	31	20	12	A
C	30	9	21	31	12	19	0	206	3585	22731	20302	5205	1721	432	95	5	0	30	21	9	31	19	12	A
C	30	10	21	31	13	19	0	142	2436	11557	16419	5204	1721	432	95	5	0	30	21	10	31	19	13	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	30	10	20	31	13	18	0	142	2437	11968	48711	7750	2472	613	134	8	0	30	20	10	31	18	13	A
C	30	11	20	31	14	18	0	100	1705	7863	21044	7739	2472	613	134	8	0	30	20	11	31	18	14	A
C	30	11	19	31	14	17	0	100	1705	7884	66594	11675	3512	857	186	11	0	30	19	11	31	17	14	A
C	30	12	19	31	15	17	0	72	1220	5478	20133	11466	3512	857	186	11	0	30	19	12	31	17	15	A
C	30	12	18	31	15	16	0	72	1220	5479	32622	19827	4967	1184	256	15	0	30	18	12	31	16	15	A
C	30	13	18	31	16	16	0	53	886	3910	15287	16411	4966	1184	256	15	0	30	18	13	31	16	16	A
C	30	13	17	31	16	15	0	53	886	3910	16410	44082	7045	1626	349	20	0	30	17	13	31	15	16	A
C	30	14	17	31	17	15	0	39	651	2839	10789	20250	7036	1626	349	20	0	30	17	14	31	15	17	A
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C	30	15	16	31	18	14	0	29	482	2085	7660	19146	10015	2227	473	27	0	30	16	15	31	14	18	A
C	30	15	15	31	18	13	0	29	482	2085	7663	29803	16485	3054	640	36	0	30	15	15	31	13	18	A
C	30	16	15	31	19	13	0	21	358	1540	5525	14591	13899	3054	640	36	0	30	15	16	31	13	19	A
C	30	16	14	31	19	12	0	21	358	1540	5525	15540	35249	4220	866	49	0	30	14	16	31	12	19	A
C	30	17	14	31	20	12	0	16	266	1141	4024	10342	16800	4218	866	49	0	30	14	17	31	12	20	A
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C	30	18	12	31	21	10	0	12	198	844	2942	7324	23670	8852	1614	90	0	30	12	18	31	10	21	A
C	30	19	12	31	22	10	0	9	146	621	2146	5217	11706	8237	1614	90	0	30	12	19	31	10	22	A
C	30	19	11	31	22	9	0	9	146	621	2146	5217	12380	17262	2246	123	0	30	11	19	31	9	22	A
C	30	20	11	31	23	9	0	6	106	453	1554	3715	8103	10552	2245	123	0	30	11	20	31	9	23	A
C	30	20	10	31	23	8	0	6	106	453	1554	3715	8137	31665	3209	170	0	30	10	20	31	8	23	A
C	30	21	10	31	24	8	0	5	76	325	1111	2624	5541	10549	3184	170	0	30	10	21	31	8	24	A
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B	30	3	28	31	6	25	0	4888	753	88	19	6	2	0	0	0	0	30	28	3	31	25	6	B
B	30	4	27	31	7	24	0	2656	4514	265	52	16	5	1	0	0	0	30	27	4	31	24	7	B
B	30	5	26	31	8	23	0	1399	12857	740	124	36	11	3	1	0	0	30	26	5	31	23	8	B
B	30	6	25	31	9	22	0	798	13821	2499	275	76	23	5	1	0	0	30	25	6	31	22	9	B
B	30	7	24	31	10	21	0	488	9556	10004	579	151	44	10	2	0	0	30	24	7	31	21	10	B
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B	30	9	22	31	12	19	0	211	3978	19925	2877	533	146	32	7	0	0	30	22	9	31	19	12	B
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B	30	11	20	31	14	17	0	103	1894	9783	24184	1828	437	92	19	1	0	30	20	11	31	17	14	B
B	30	12	19	31	15	16	0	74	1355	6830	29020	3907	748	153	31	2	0	30	19	12	31	16	15	B
B	30	13	18	31	16	15	0	54	984	4880	23041	11745	1290	251	50	3	0	30	18	13	31	15	16	B
B	30	14	17	31	17	14	0	40	723	3545	16436	29255	2286	412	81	4	0	30	17	14	31	14	17	B
B	30	15	16	31	18	13	0	30	535	2604	11718	35431	4633	680	130	7	0	30	16	15	31	13	18	B
B	30	16	15	31	19	12	0	22	398	1925	8471	28435	13385	1141	212	11	0	30	15	16	31	12	19	B
B	30	17	14	31	20	11	0	16	296	1426	6178	20420	33654	1970	348	19	0	30	14	17	31	11	20	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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B	30	19	12	31	22	9	0	9	162	776	3298	10386	32488	9450	1005	51	0	30	12	19	31	9	22	B
B	30	20	11	31	23	8	0	7	118	566	2389	7410	22824	28992	1811	89	0	30	11	20	31	8	23	B
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B	30	22	9	31	25	6	0	3	60	285	1196	3639	10686	38227	11025	299	0	30	9	22	31	6	25	B
B	30	23	8	31	26	5	0	2	41	195	814	2460	7113	25445	34669	603	0	30	8	23	31	5	26	B
B	30	24	7	31	27	4	0	1	27	127	530	1596	4562	15836	45598	1382	0	30	7	24	31	4	27	B
B	30	25	6	31	28	3	0	1	16	78	325	973	2757	9332	31197	4818	0	30	6	25	31	3	28	B
B	30	26	5	31	29	2	0	1	9	43	180	537	1511	5020	16551	22901	0	30	5	26	31	2	29	B
B	30	27	4	31	30	1	0	0	4	20	83	248	695	2276	7288	35124	0	30	4	27	31	1	30	B
B	30	28	3	31	31	0	0	0	1	6	26	77	214	694	2173	13635	0	30	3	28	31	0	31	B
												$\Delta\tau$ = 7												
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A	30	1	30	31	5	27	0	5	2	1	0	0	0	0	0	0	0	30	30	1	31	27	5	C
A	30	1	29	31	5	26	0	120	14	5	2	1	0	0	0	0	0	30	29	1	31	26	5	C
A	30	2	29	31	6	26	0	9	13	5	2	1	0	0	0	0	0	30	29	2	31	26	6	C
A	30	2	28	31	6	25	0	55	75	18	7	3	1	0	0	0	0	30	28	2	31	25	6	C
A	30	3	28	31	7	25	0	5	52	18	7	3	1	0	0	0	0	30	28	3	31	25	7	C
A	30	3	27	31	7	24	0	9	449	53	18	8	3	1	0	0	0	30	27	3	31	24	7	C
A	30	4	27	31	8	24	0	2	125	53	18	8	3	1	0	0	0	30	27	4	31	24	8	C
A	30	4	26	31	8	23	0	2	1170	148	44	18	7	2	0	0	0	30	26	4	31	23	8	C
A	30	5	26	31	9	23	0	1	159	140	44	18	7	2	0	0	0	30	26	5	31	23	9	C
A	30	5	25	31	9	22	0	1	755	500	96	38	15	4	1	0	0	30	25	5	31	22	9	C
A	30	6	25	31	10	22	0	0	113	319	96	38	15	4	1	0	0	30	25	6	31	22	10	C
A	30	6	24	31	10	21	0	0	194	1972	203	76	29	8	2	0	0	30	24	6	31	21	10	C
A	30	7	24	31	11	21	0	0	59	531	202	76	29	8	2	0	0	30	24	7	31	21	11	C
A	30	7	23	31	11	20	0	0	63	3460	424	144	53	15	3	0	0	30	23	7	31	20	11	C
A	30	8	23	31	12	20	0	0	30	553	415	144	53	15	3	0	0	30	23	8	31	20	12	C
A	30	8	22	31	12	19	0	0	30	1785	1009	266	95	26	6	0	0	30	22	8	31	19	12	C
A	30	9	22	31	13	19	0	0	16	377	811	266	95	26	6	0	0	30	22	9	31	19	13	C
A	30	9	21	31	13	18	0	0	16	526	3308	490	165	44	10	1	0	30	21	9	31	18	13	C
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A	30	11	20	31	15	17	0	0	5	117	1537	898	284	74	17	1	0	30	20	11	31	17	15	C
A	30	11	19	31	15	16	0	0	5	117	5860	1958	486	122	28	2	0	30	19	11	31	16	15	C
A	30	12	19	31	16	16	0	0	3	67	1193	1610	486	122	28	2	0	30	19	12	31	16	16	C
A	30	12	18	31	16	15	0	0	3	67	1973	5850	839	201	45	3	0	30	18	12	31	15	16	C
A	30	13	18	31	17	15	0	0	2	40	726	2495	838	201	45	3	0	30	18	13	31	15	17	C
A	30	13	17	31	17	14	0	0	2	40	780	13237	1488	329	73	4	0	30	17	13	31	14	17	C
A	30	14	17	31	18	14	0	0	1	24	417	2795	1464	329	73	4	0	30	17	14	31	14	18	C
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A	30	15	16	31	19	13	0	0	1	15	243	2150	2530	544	117	7	0	30	16	15	31	13	19	C
A	30	15	15	31	19	12	0	0	1	15	244	3425	8673	913	191	11	0	30	15	15	31	12	19	C
A	30	16	15	31	20	12	0	0	0	9	146	1309	3829	913	191	11	0	30	15	16	31	12	20	C
A	30	16	14	31	20	11	0	0	0	9	146	1396	19719	1578	314	18	0	30	14	16	31	11	20	C
A	30	17	14	31	21	11	0	0	0	6	88	749	4202	1569	314	18	0	30	14	17	31	11	21	C
A	30	17	13	31	21	10	0	0	0	6	88	753	14599	2954	525	30	0	30	13	17	31	10	21	C
A	30	18	13	31	22	10	0	0	0	4	54	431	3144	2743	525	30	0	30	13	18	31	10	22	C
A	30	18	12	31	22	9	0	0	0	4	54	432	4880	7574	905	50	0	30	12	18	31	9	22	C
A	30	19	12	31	23	9	0	0	0	2	32	251	1845	4471	905	50	0	30	12	19	31	9	23	C
A	30	19	11	31	23	8	0	0	0	2	32	251	1955	22182	1631	86	0	30	11	19	31	8	23	C
A	30	20	11	31	24	8	0	0	0	1	19	145	1005	5525	1618	86	0	30	11	20	31	8	24	C
A	30	20	10	31	24	7	0	0	0	1	19	145	1009	24742	3312	155	0	30	10	20	31	7	24	C
A	30	21	10	31	25	7	0	0	0	1	11	83	541	4421	2965	155	0	30	10	21	31	7	25	C
A	30	21	9	31	25	6	0	0	0	1	11	83	541	8723	9919	291	0	30	9	21	31	6	25	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	30	22	9	31	26	6	0	0	0	0	6	46	287	2482	4883	291	0	30	9	22	31	6	26	C
A	30	22	8	31	26	5	0	0	0	0	6	46	287	2784	28945	588	0	30	8	22	31	5	26	C
A	30	23	8	31	27	5	0	0	0	0	3	24	146	1184	5472	586	0	30	8	23	31	5	27	C
A	30	23	7	31	27	4	0	0	0	0	3	24	146	1194	23270	1348	0	30	7	23	31	4	27	C
A	30	24	7	31	28	4	0	0	0	0	2	12	69	524	3507	1274	0	30	7	24	31	4	28	C
A	30	24	6	31	28	3	0	0	0	0	2	12	69	524	5889	4698	0	30	6	24	31	3	28	C
A	30	25	6	31	29	3	0	0	0	0	1	5	29	210	1440	2622	0	30	6	25	31	3	29	C
A	30	25	5	31	29	2	0	0	0	0	1	5	29	210	1533	21608	0	30	5	25	31	2	29	C
A	30	26	5	31	30	2	0	0	0	0	0	2	10	69	441	3200	0	30	5	26	31	2	30	C
A	30	26	4	31	30	1	0	0	0	0	0	2	10	69	442	22471	0	30	4	26	31	1	30	C
A	30	27	4	31	31	1	0	0	0	0	0	0	2	14	86	1237	0	30	4	27	31	1	31	C
A	30	27	3	31	31	0	0	0	0	0	0	0	2	14	86	2707	0	30	3	27	31	0	31	C
												$\Delta\tau = 8$												
B	30	0	30	31	5	27	0	193	20	4	1	0	0	0	0	0	0	30	30	0	31	27	5	B
B	30	1	29	31	6	26	0	321	133	24	5	2	1	0	0	0	0	30	29	1	31	26	6	B
B	30	2	28	31	7	25	0	95	520	88	19	6	2	0	0	0	0	30	28	2	31	25	7	B
B	30	3	27	31	8	24	0	11	1235	264	52	16	5	1	0	0	0	30	27	3	31	24	8	B
B	30	4	26	31	9	23	0	2	1436	699	124	36	11	3	1	0	0	30	26	4	31	23	9	B
B	30	5	25	31	10	22	0	1	614	1590	275	76	23	5	1	0	0	30	25	5	31	22	10	B
B	30	6	24	31	11	21	0	0	119	2590	578	151	44	10	2	0	0	30	24	6	31	21	11	B
B	30	7	23	31	12	20	0	0	31	2295	1185	287	82	18	4	0	0	30	23	7	31	20	12	B
B	30	8	22	31	13	19	0	0	12	835	2310	533	146	32	7	0	0	30	22	8	31	19	13	B
B	30	9	21	31	14	18	0	0	5	193	3741	977	254	55	11	1	0	30	21	9	31	18	14	B
B	30	10	20	31	15	17	0	0	2	65	3905	1794	437	92	19	1	0	30	20	10	31	17	15	B
B	30	11	19	31	16	16	0	0	1	29	1925	3208	748	153	31	2	0	30	19	11	31	16	16	B
B	30	12	18	31	17	15	0	0	1	14	502	4890	1288	251	50	3	0	30	18	12	31	15	17	B
B	30	13	17	31	18	14	0	0	0	7	160	4911	2249	412	81	4	0	30	17	13	31	14	18	B
B	30	14	16	31	19	13	0	0	0	3	71	2358	3875	680	130	7	0	30	16	14	31	13	19	B
B	30	15	15	31	20	12	0	0	0	2	34	621	5763	1141	212	11	0	30	15	15	31	12	20	B
B	30	16	14	31	21	11	0	0	0	1	17	203	5633	1959	348	19	0	30	14	16	31	11	21	B
B	30	17	13	31	22	10	0	0	0	0	9	89	2572	3419	584	31	0	30	13	17	31	10	22	B
B	30	18	12	31	23	9	0	0	0	0	4	42	645	5527	1005	51	0	30	12	18	31	9	23	B
B	30	19	11	31	24	8	0	0	0	0	2	20	202	6407	1797	89	0	30	11	19	31	8	24	B
B	30	20	10	31	25	7	0	0	0	0	1	9	82	3611	3287	159	0	30	10	20	31	7	25	B
B	30	21	9	31	26	6	0	0	0	0	0	4	34	867	5354	299	0	30	9	21	31	6	26	B
B	30	22	8	31	27	5	0	0	0	0	0	2	14	200	5476	601	0	30	8	22	31	5	27	B
B	30	23	7	31	28	4	0	0	0	0	0	1	5	61	2149	1306	0	30	7	23	31	4	28	B
B	30	24	6	31	29	3	0	0	0	0	0	0	2	18	331	2679	0	30	6	24	31	3	29	B
B	30	25	5	31	30	2	0	0	0	0	0	0	0	5	50	3132	0	30	5	25	31	2	30	B
B	30	26	4	31	31	1	0	0	0	0	0	0	0	1	6	820	0	30	4	26	31	1	31	B
												$\Delta\tau = 9$												
C	30	0	30	31	5	26	0	177	2	0	0	0	0	0	0	0	0	30	30	0	31	26	5	A
C	30	1	30	31	6	26	0	12	2	0	0	0	0	0	0	0	0	30	30	1	31	26	6	A
C	30	1	29	31	6	25	0	312	21	1	0	0	0	0	0	0	0	30	29	1	31	25	6	A
C	30	2	29	31	7	25	0	15	14	1	0	0	0	0	0	0	0	30	29	2	31	25	7	A
C	30	2	28	31	7	24	0	92	216	6	1	0	0	0	0	0	0	30	28	2	31	24	7	A
C	30	3	28	31	8	24	0	6	60	6	1	0	0	0	0	0	0	30	28	3	31	24	8	A
C	30	3	27	31	8	23	0	10	953	26	2	0	0	0	0	0	0	30	27	3	31	23	8	A
C	30	4	27	31	9	23	0	2	119	24	2	0	0	0	0	0	0	30	27	4	31	23	9	A
C	30	4	26	31	9	22	0	2	1271	122	6	1	0	0	0	0	0	30	26	4	31	22	9	A
C	30	5	26	31	10	22	0	1	115	78	6	1	0	0	0	0	0	30	26	5	31	22	10	A
C	30	5	25	31	10	21	0	1	552	675	16	2	0	0	0	0	0	30	25	5	31	21	10	A
C	30	6	25	31	11	21	0	0	63	179	16	2	0	0	0	0	0	30	25	6	31	21	11	A
C	30	6	24	31	11	20	0	0	108	1826	44	5	1	0	0	0	0	30	24	6	31	20	11	A
C	30	7	24	31	12	20	0	0	26	250	43	5	1	0	0	0	0	30	24	7	31	20	12	A

												κ												
	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	30	7	23	31	12	19	0	0	28	1809	134	11	1	0	0	0	0	30	23	7	31	19	12	A
C	30	8	23	31	13	19	0	0	10	204	108	11	1	0	0	0	0	30	23	8	31	19	13	A
C	30	8	22	31	13	18	0	0	11	668	573	25	3	0	0	0	0	30	22	8	31	18	13	A
C	30	9	22	31	14	18	0	0	5	111	229	25	3	0	0	0	0	30	22	9	31	18	14	A
C	30	9	21	31	14	17	0	0	5	155	1862	58	6	0	0	0	0	30	21	9	31	17	14	A
C	30	10	21	31	15	17	0	0	2	50	339	57	6	0	0	0	0	30	21	10	31	17	15	A
C	30	10	20	31	15	16	0	0	2	52	2439	154	11	1	0	0	0	30	20	10	31	16	15	A
C	30	11	20	31	16	16	0	0	1	23	317	127	11	1	0	0	0	30	20	11	31	16	16	A
C	30	11	19	31	16	15	0	0	1	23	1247	586	24	1	0	0	0	30	19	11	31	15	16	A
C	30	12	19	31	17	15	0	0	1	11	197	247	24	1	0	0	0	30	19	12	31	15	17	A
C	30	12	18	31	17	14	0	0	1	11	326	1824	52	3	0	0	0	30	18	12	31	14	17	A
C	30	13	18	31	18	14	0	0	0	5	97	349	51	3	0	0	0	30	18	13	31	14	18	A
C	30	13	17	31	18	13	0	0	0	5	104	2346	129	5	0	0	0	30	17	13	31	13	18	A
C	30	14	17	31	19	13	0	0	0	3	46	317	108	5	0	0	0	30	17	14	31	13	19	A
C	30	14	16	31	19	12	0	0	0	3	46	1175	468	10	0	0	0	30	16	14	31	12	19	A
C	30	15	16	31	20	12	0	0	0	1	22	194	204	10	0	0	0	30	16	15	31	12	20	A
C	30	15	15	31	20	11	0	0	0	1	22	311	1468	21	1	0	0	30	15	15	31	11	20	A
C	30	16	15	31	21	11	0	0	0	1	11	95	282	21	1	0	0	30	15	16	31	11	21	A
C	30	16	14	31	21	10	0	0	0	1	11	102	1878	49	2	0	0	30	14	16	31	10	21	A
C	30	17	14	31	22	10	0	0	0	0	6	44	248	46	2	0	0	30	14	17	31	10	22	A
C	30	17	13	31	22	9	0	0	0	0	6	44	897	160	4	0	0	30	13	17	31	9	22	A
C	30	18	13	31	23	9	0	0	0	0	3	21	145	94	4	0	0	30	13	18	31	9	23	A
C	30	18	12	31	23	8	0	0	0	0	3	21	226	629	8	0	0	30	12	18	31	8	23	A
C	30	19	12	31	24	8	0	0	0	0	1	10	67	148	8	0	0	30	12	19	31	8	24	A
C	30	19	11	31	24	7	0	0	0	0	1	10	71	1156	21	0	0	30	11	19	31	7	24	A
C	30	20	11	31	25	7	0	0	0	0	1	5	29	147	19	0	0	30	11	20	31	7	25	A
C	30	20	10	31	25	6	0	0	0	0	1	5	29	715	82	0	0	30	10	20	31	6	25	A
C	30	21	10	31	26	6	0	0	0	0	0	2	12	87	40	0	0	30	10	21	31	6	26	A
C	30	21	9	31	26	5	0	0	0	0	0	2	12	173	341	0	0	30	9	21	31	5	26	A
C	30	22	9	31	27	5	0	0	0	0	0	1	5	36	60	0	0	30	9	22	31	5	27	A
C	30	22	8	31	27	4	0	0	0	0	0	1	5	40	514	1	0	30	8	22	31	4	27	A
C	30	23	8	31	28	4	0	0	0	0	0	0	2	12	48	1	0	30	8	23	31	4	28	A
C	30	23	7	31	28	3	0	0	0	0	0	0	2	12	214	5	0	30	7	23	31	3	28	A
C	30	24	7	31	29	3	0	0	0	0	0	0	1	4	20	3	0	30	7	24	31	3	29	A
C	30	24	6	31	29	2	0	0	0	0	0	0	1	4	33	34	0	30	6	24	31	2	29	A
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C	30	25	5	31	30	1	0	0	0	0	0	0	0	1	5	72	0	30	5	25	31	1	30	A
C	30	26	5	31	31	1	0	0	0	0	0	0	0	0	1	3	0	30	5	26	31	1	31	A
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B	30	2	29	31	7	24	0	15	7	0	0	0	0	0	0	0	0	30	29	2	31	24	7	B
B	30	3	28	31	8	23	0	6	57	1	0	0	0	0	0	0	0	30	28	3	31	23	8	B
B	30	4	27	31	9	22	0	2	129	7	0	0	0	0	0	0	0	30	27	4	31	22	9	B
B	30	5	26	31	10	21	0	1	127	51	1	0	0	0	0	0	0	30	26	5	31	21	10	B
B	30	6	25	31	11	20	0	0	70	197	3	0	0	0	0	0	0	30	25	6	31	20	11	B
B	30	7	24	31	12	19	0	0	29	307	12	1	0	0	0	0	0	30	24	7	31	19	12	B
B	30	8	23	31	13	18	0	0	12	255	63	2	0	0	0	0	0	30	23	8	31	18	13	B
B	30	9	22	31	14	17	0	0	5	139	269	6	0	0	0	0	0	30	22	9	31	17	14	B
B	30	10	21	31	15	16	0	0	2	63	499	20	1	0	0	0	0	30	21	10	31	16	15	B
B	30	11	20	31	16	15	0	0	1	29	485	92	3	0	0	0	0	30	20	11	31	15	16	B
B	30	12	19	31	17	14	0	0	1	14	302	367	8	0	0	0	0	30	19	12	31	14	17	B
B	30	13	18	31	18	13	0	0	0	7	149	663	24	1	0	0	0	30	18	13	31	13	18	B
B	30	14	17	31	19	12	0	0	0	3	70	631	106	2	0	0	0	30	17	14	31	12	19	B
B	30	15	16	31	20	11	0	0	0	2	34	388	423	5	0	0	0	30	16	15	31	11	20	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	30	16	15	31	21	10	0	0	0	1	17	190	763	13	0	0	0	30	15	16	31	10	21	B
B	30	17	14	31	22	9	0	0	0	0	9	89	705	54	1	0	0	30	14	17	31	9	22	B
B	30	18	13	31	23	8	0	0	0	0	4	42	414	266	3	0	0	30	13	18	31	8	23	B
B	30	19	12	31	24	7	0	0	0	0	2	20	191	667	9	0	0	30	12	19	31	7	24	B
B	30	20	11	31	25	6	0	0	0	0	1	9	82	725	47	0	0	30	11	20	31	6	25	B
B	30	21	10	31	26	5	0	0	0	0	0	4	34	435	255	0	0	30	10	21	31	5	26	B
B	30	22	9	31	27	4	0	0	0	0	0	2	14	179	557	1	0	30	9	22	31	4	27	B
B	30	23	8	31	28	3	0	0	0	0	0	1	5	61	474	6	0	30	8	23	31	3	28	B
B	30	24	7	31	29	2	0	0	0	0	0	0	2	18	197	54	0	30	7	24	31	2	29	B
B	30	25	6	31	30	1	0	0	0	0	0	0	0	5	47	178	0	30	6	25	31	1	30	B
B	30	26	5	31	31	0	0	0	0	0	0	0	0	1	6	108	0	30	5	26	31	0	31	B
												$\Delta\tau = 11$												
A	30	1	29	31	7	24	0	0	1	0	0	0	0	0	0	0	0	30	29	1	31	24	7	C
A	30	2	28	31	8	23	0	0	6	0	0	0	0	0	0	0	0	30	28	2	31	23	8	C
A	30	3	28	31	9	23	0	0	1	0	0	0	0	0	0	0	0	30	28	3	31	23	9	C
A	30	3	27	31	9	22	0	0	13	1	0	0	0	0	0	0	0	30	27	3	31	22	9	C
A	30	4	27	31	10	22	0	0	1	1	0	0	0	0	0	0	0	30	27	4	31	22	10	C
A	30	4	26	31	10	21	0	0	12	10	0	0	0	0	0	0	0	30	26	4	31	21	10	C
A	30	5	26	31	11	21	0	0	1	3	0	0	0	0	0	0	0	30	26	5	31	21	11	C
A	30	5	25	31	11	20	0	0	4	39	1	0	0	0	0	0	0	30	25	5	31	20	11	C
A	30	6	25	31	12	20	0	0	0	5	1	0	0	0	0	0	0	30	25	6	31	20	12	C
A	30	6	24	31	12	19	0	0	1	60	4	0	0	0	0	0	0	30	24	6	31	19	12	C
A	30	7	24	31	13	19	0	0	0	6	3	0	0	0	0	0	0	30	24	7	31	19	13	C
A	30	7	23	31	13	18	0	0	0	42	22	1	0	0	0	0	0	30	23	7	31	18	13	C
A	30	8	23	31	14	18	0	0	0	4	9	1	0	0	0	0	0	30	23	8	31	18	14	C
A	30	8	22	31	14	17	0	0	0	12	94	3	0	0	0	0	0	30	22	8	31	17	14	C
A	30	9	22	31	15	17	0	0	0	2	17	3	0	0	0	0	0	30	22	9	31	17	15	C
A	30	9	21	31	15	16	0	0	0	2	172	10	1	0	0	0	0	30	21	9	31	16	15	C
A	30	10	21	31	16	16	0	0	0	1	20	8	1	0	0	0	0	30	21	10	31	16	16	C
A	30	10	20	31	16	15	0	0	0	1	151	46	2	0	0	0	0	30	20	10	31	15	16	C
A	30	11	20	31	17	15	0	0	0	0	15	19	2	0	0	0	0	30	20	11	31	15	17	C
A	30	11	19	31	17	14	0	0	0	0	60	183	5	0	0	0	0	30	19	11	31	14	17	C
A	30	12	19	31	18	14	0	0	0	0	8	35	5	0	0	0	0	30	19	12	31	14	18	C
A	30	12	18	31	18	13	0	0	0	0	13	326	15	1	0	0	0	30	18	12	31	13	18	C
A	30	13	18	31	19	13	0	0	0	0	3	40	13	1	0	0	0	30	18	13	31	13	19	C
A	30	13	17	31	19	12	0	0	0	0	3	278	69	2	0	0	0	30	17	13	31	12	19	C
A	30	14	17	31	20	12	0	0	0	0	1	29	30	2	0	0	0	30	17	14	31	12	20	C
A	30	14	16	31	20	11	0	0	0	0	1	107	275	4	0	0	0	30	16	14	31	11	20	C
A	30	15	16	31	21	11	0	0	0	0	0	14	52	4	0	0	0	30	16	15	31	11	21	C
A	30	15	15	31	21	10	0	0	0	0	0	23	487	11	0	0	0	30	15	15	31	10	21	C
A	30	16	15	31	22	10	0	0	0	0	0	6	58	10	0	0	0	30	15	16	31	10	22	C
A	30	16	14	31	22	9	0	0	0	0	0	6	401	43	1	0	0	30	14	16	31	9	22	C
A	30	17	14	31	23	9	0	0	0	0	0	2	40	25	1	0	0	30	14	17	31	9	23	C
A	30	17	13	31	23	8	0	0	0	0	0	2	143	213	3	0	0	30	13	17	31	8	23	C
A	30	18	13	31	24	8	0	0	0	0	0	1	18	50	3	0	0	30	13	18	31	8	24	C
A	30	18	12	31	24	7	0	0	0	0	0	1	28	529	8	0	0	30	12	18	31	7	24	C
A	30	19	12	31	25	7	0	0	0	0	0	0	7	63	8	0	0	30	12	19	31	7	25	C
A	30	19	11	31	25	6	0	0	0	0	0	0	7	541	42	0	0	30	11	19	31	6	25	C
A	30	20	11	31	26	6	0	0	0	0	0	0	2	46	20	0	0	30	11	20	31	6	26	C
A	30	20	10	31	26	5	0	0	0	0	0	0	2	228	229	0	0	30	10	20	31	5	26	C
A	30	21	10	31	27	5	0	0	0	0	0	0	1	20	40	0	0	30	10	21	31	5	27	C
A	30	21	9	31	27	4	0	0	0	0	0	0	1	40	496	1	0	30	9	21	31	4	27	C
A	30	22	9	31	28	4	0	0	0	0	0	0	0	6	42	1	0	30	9	22	31	4	28	C
A	30	22	8	31	28	3	0	0	0	0	0	0	0	7	386	5	0	30	8	22	31	3	28	C
A	30	23	8	31	29	3	0	0	0	0	0	0	0	1	22	3	0	30	8	23	31	3	29	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	30	23	7	31	29	2	0	0	0	0	0	0	0	1	98	53	0	30	7	23	31	2	29	C
A	30	24	7	31	30	2	0	0	0	0	0	0	0	0	5	8	0	30	7	24	31	2	30	C
A	30	24	6	31	30	1	0	0	0	0	0	0	0	0	9	173	0	30	6	24	31	1	30	C
A	30	25	6	31	31	1	0	0	0	0	0	0	0	0	1	6	0	30	6	25	31	1	31	C
A	30	25	5	31	31	0	0	0	0	0	0	0	0	0	1	100	0	30	5	25	31	0	31	C
												$\Delta\tau$ = 12												
B	30	0	30	31	7	25	0	1	0	0	0	0	0	0	0	0	0	30	30	0	31	25	7	B
B	30	1	29	31	8	24	0	0	2	0	0	0	0	0	0	0	0	30	29	1	31	24	8	B
B	30	2	28	31	9	23	0	0	7	1	0	0	0	0	0	0	0	30	28	2	31	23	9	B
B	30	3	27	31	10	22	0	0	10	4	0	0	0	0	0	0	0	30	27	3	31	22	10	B
B	30	4	26	31	11	21	0	0	7	14	1	0	0	0	0	0	0	30	26	4	31	21	11	B
B	30	5	25	31	12	20	0	0	2	26	3	0	0	0	0	0	0	30	25	5	31	20	12	B
B	30	6	24	31	13	19	0	0	0	28	9	1	0	0	0	0	0	30	24	6	31	19	13	B
B	30	7	23	31	14	18	0	0	0	16	25	2	0	0	0	0	0	30	23	7	31	18	14	B
B	30	8	22	31	15	17	0	0	0	4	48	6	0	0	0	0	0	30	22	8	31	17	15	B
B	30	9	21	31	16	16	0	0	0	1	57	16	1	0	0	0	0	30	21	9	31	16	16	B
B	30	10	20	31	17	15	0	0	0	0	39	39	3	0	0	0	0	30	20	10	31	15	17	B
B	30	11	19	31	18	14	0	0	0	0	12	69	8	0	0	0	0	30	19	11	31	14	18	B
B	30	12	18	31	19	13	0	0	0	0	2	78	20	1	0	0	0	30	18	12	31	13	19	B
B	30	13	17	31	20	12	0	0	0	0	0	51	46	2	0	0	0	30	17	13	31	12	20	B
B	30	14	16	31	21	11	0	0	0	0	0	16	80	5	0	0	0	30	16	14	31	11	21	B
B	30	15	15	31	22	10	0	0	0	0	0	3	87	12	0	0	0	30	15	15	31	10	22	B
B	30	16	14	31	23	9	0	0	0	0	0	1	53	31	1	0	0	30	14	16	31	9	23	B
B	30	17	13	31	24	8	0	0	0	0	0	0	15	62	3	0	0	30	13	17	31	8	24	B
B	30	18	12	31	25	7	0	0	0	0	0	0	2	78	8	0	0	30	12	18	31	7	25	B
B	30	19	11	31	26	6	0	0	0	0	0	0	0	54	23	0	0	30	11	19	31	6	26	B
B	30	20	10	31	27	5	0	0	0	0	0	0	0	16	44	0	0	30	10	20	31	5	27	B
B	30	21	9	31	28	4	0	0	0	0	0	0	0	2	46	1	0	30	9	21	31	4	28	B
B	30	22	8	31	29	3	0	0	0	0	0	0	0	0	22	3	0	30	8	22	31	3	29	B
B	30	23	7	31	30	2	0	0	0	0	0	0	0	0	3	8	0	30	7	23	31	2	30	B
B	30	24	6	31	31	1	0	0	0	0	0	0	0	0	0	6	0	30	6	24	31	1	31	B
												$\Delta\tau$ = 13												
C	30	0	30	31	7	24	0	1	0	0	0	0	0	0	0	0	0	30	30	0	31	24	7	A
C	30	1	29	31	8	23	0	0	2	0	0	0	0	0	0	0	0	30	29	1	31	23	8	A
C	30	2	28	31	9	22	0	0	6	0	0	0	0	0	0	0	0	30	28	2	31	22	9	A
C	30	3	28	31	10	22	0	0	1	0	0	0	0	0	0	0	0	30	28	3	31	22	10	A
C	30	3	27	31	10	21	0	0	9	2	0	0	0	0	0	0	0	30	27	3	31	21	10	A
C	30	4	27	31	11	21	0	0	1	0	0	0	0	0	0	0	0	30	27	4	31	21	11	A
C	30	4	26	31	11	20	0	0	6	10	0	0	0	0	0	0	0	30	26	4	31	20	11	A
C	30	5	26	31	12	20	0	0	0	1	0	0	0	0	0	0	0	30	26	5	31	20	12	A
C	30	5	25	31	12	19	0	0	2	21	0	0	0	0	0	0	0	30	25	5	31	19	12	A
C	30	6	25	31	13	19	0	0	0	2	0	0	0	0	0	0	0	30	25	6	31	19	13	A
C	30	6	24	31	13	18	0	0	0	23	2	0	0	0	0	0	0	30	24	6	31	18	13	A
C	30	7	24	31	14	18	0	0	0	2	1	0	0	0	0	0	0	30	24	7	31	18	14	A
C	30	7	23	31	14	17	0	0	0	12	13	0	0	0	0	0	0	30	23	7	31	17	14	A
C	30	8	23	31	15	17	0	0	0	1	2	0	0	0	0	0	0	30	23	8	31	17	15	A
C	30	8	22	31	15	16	0	0	0	3	30	1	0	0	0	0	0	30	22	8	31	16	15	A
C	30	9	22	31	16	16	0	0	0	0	3	0	0	0	0	0	0	30	22	9	31	16	16	A
C	30	9	21	31	16	15	0	0	0	0	37	3	0	0	0	0	0	30	21	9	31	15	16	A
C	30	10	21	31	17	15	0	0	0	0	3	1	0	0	0	0	0	30	21	10	31	15	17	A
C	30	10	20	31	17	14	0	0	0	0	25	14	0	0	0	0	0	30	20	10	31	14	17	A
C	30	11	20	31	18	14	0	0	0	0	2	3	0	0	0	0	0	30	20	11	31	14	18	A
C	30	11	19	31	18	13	0	0	0	0	8	33	0	0	0	0	0	30	19	11	31	13	18	A
C	30	12	19	31	19	13	0	0	0	0	1	4	0	0	0	0	0	30	19	12	31	13	19	A
C	30	12	18	31	19	12	0	0	0	0	1	39	2	0	0	0	0	30	18	12	31	12	19	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	30	13	18	31	20	12	0	0	0	0	0	4	1	0	0	0	0	30	18	13	31	12	20	A
C	30	13	17	31	20	11	0	0	0	0	0	25	12	0	0	0	0	30	17	13	31	11	20	A
C	30	14	17	31	21	11	0	0	0	0	0	2	2	0	0	0	0	30	17	14	31	11	21	A
C	30	14	16	31	21	10	0	0	0	0	0	8	26	0	0	0	0	30	16	14	31	10	21	A
C	30	15	16	31	22	10	0	0	0	0	0	1	3	0	0	0	0	30	16	15	31	10	22	A
C	30	15	15	31	22	9	0	0	0	0	0	1	30	1	0	0	0	30	15	15	31	9	22	A
C	30	16	15	31	23	9	0	0	0	0	0	0	3	0	0	0	0	30	15	16	31	9	23	A
C	30	16	14	31	23	8	0	0	0	0	0	0	19	4	0	0	0	30	14	16	31	8	23	A
C	30	17	14	31	24	8	0	0	0	0	0	0	1	1	0	0	0	30	14	17	31	8	24	A
C	30	17	13	31	24	7	0	0	0	0	0	0	5	11	0	0	0	30	13	17	31	7	24	A
C	30	18	13	31	25	7	0	0	0	0	0	0	1	1	0	0	0	30	13	18	31	7	25	A
C	30	18	12	31	25	6	0	0	0	0	0	0	1	16	0	0	0	30	12	18	31	6	25	A
C	30	19	12	31	26	6	0	0	0	0	0	0	0	1	0	0	0	30	12	19	31	6	26	A
C	30	19	11	31	26	5	0	0	0	0	0	0	0	11	1	0	0	30	11	19	31	5	26	A
C	30	20	11	31	27	5	0	0	0	0	0	0	0	1	0	0	0	30	11	20	31	5	27	A
C	30	20	10	31	27	4	0	0	0	0	0	0	0	3	4	0	0	30	10	20	31	4	27	A
C	30	21	9	31	28	3	0	0	0	0	0	0	0	0	5	0	0	30	9	21	31	3	28	A
C	30	22	8	31	29	2	0	0	0	0	0	0	0	0	2	0	0	30	8	22	31	2	29	A
												$\Delta\tau = 14$												
B	30	3	28	31	10	21	0	0	1	0	0	0	0	0	0	0	0	30	28	3	31	21	10	B
B	30	4	27	31	11	20	0	0	1	1	0	0	0	0	0	0	0	30	27	4	31	20	11	B
B	30	5	26	31	12	19	0	0	0	2	0	0	0	0	0	0	0	30	26	5	31	19	12	B
B	30	6	25	31	13	18	0	0	0	2	0	0	0	0	0	0	0	30	25	6	31	18	13	B
B	30	7	24	31	14	17	0	0	0	2	1	0	0	0	0	0	0	30	24	7	31	17	14	B
B	30	8	23	31	15	16	0	0	0	1	3	0	0	0	0	0	0	30	23	8	31	16	15	B
B	30	9	22	31	16	15	0	0	0	0	5	0	0	0	0	0	0	30	22	9	31	15	16	B
B	30	10	21	31	17	14	0	0	0	0	5	2	0	0	0	0	0	30	21	10	31	14	17	B
B	30	11	20	31	18	13	0	0	0	0	3	5	0	0	0	0	0	30	20	11	31	13	18	B
B	30	12	19	31	19	12	0	0	0	0	1	8	0	0	0	0	0	30	19	12	31	12	19	B
B	30	13	18	31	20	11	0	0	0	0	0	7	2	0	0	0	0	30	18	13	31	11	20	B
B	30	14	17	31	21	10	0	0	0	0	0	4	6	0	0	0	0	30	17	14	31	10	21	B
B	30	15	16	31	22	9	0	0	0	0	0	2	9	0	0	0	0	30	16	15	31	9	22	B
B	30	16	15	31	23	8	0	0	0	0	0	1	8	1	0	0	0	30	15	16	31	8	23	B
B	30	17	14	31	24	7	0	0	0	0	0	0	4	4	0	0	0	30	14	17	31	7	24	B
B	30	18	13	31	25	6	0	0	0	0	0	0	1	7	0	0	0	30	13	18	31	6	25	B
B	30	19	12	31	26	5	0	0	0	0	0	0	0	6	1	0	0	30	12	19	31	5	26	B
B	30	20	11	31	27	4	0	0	0	0	0	0	0	3	2	0	0	30	11	20	31	4	27	B
B	30	21	10	31	28	3	0	0	0	0	0	0	0	1	3	0	0	30	10	21	31	3	28	B
B	30	22	9	31	29	2	0	0	0	0	0	0	0	0	2	0	0	30	9	22	31	2	29	B
B	30	23	8	31	30	1	0	0	0	0	0	0	0	0	1	0	0	30	8	23	31	1	30	B
												$\Delta\tau = 15$												
A	30	7	23	31	15	16	0	0	0	0	1	0	0	0	0	0	0	30	23	7	31	16	15	C
A	30	8	22	31	16	15	0	0	0	0	2	0	0	0	0	0	0	30	22	8	31	15	16	C
A	30	9	21	31	17	14	0	0	0	0	2	1	0	0	0	0	0	30	21	9	31	14	17	C
A	30	10	20	31	18	13	0	0	0	0	1	3	0	0	0	0	0	30	20	10	31	13	18	C
A	30	11	19	31	19	12	0	0	0	0	0	4	0	0	0	0	0	30	19	11	31	12	19	C
A	30	12	18	31	20	11	0	0	0	0	0	4	1	0	0	0	0	30	18	12	31	11	20	C
A	30	13	17	31	21	10	0	0	0	0	0	2	4	0	0	0	0	30	17	13	31	10	21	C
A	30	14	16	31	22	9	0	0	0	0	0	0	6	0	0	0	0	30	16	14	31	9	22	C
A	30	15	15	31	23	8	0	0	0	0	0	0	5	1	0	0	0	30	15	15	31	8	23	C
A	30	16	14	31	24	7	0	0	0	0	0	0	2	3	0	0	0	30	14	16	31	7	24	C
A	30	17	13	31	25	6	0	0	0	0	0	0	1	5	0	0	0	30	13	17	31	6	25	C
A	30	18	12	31	26	5	0	0	0	0	0	0	0	5	1	0	0	30	12	18	31	5	26	C
A	30	19	11	31	27	4	0	0	0	0	0	0	0	2	2	0	0	30	11	19	31	4	27	C
A	30	20	10	31	28	3	0	0	0	0	0	0	0	1	3	0	0	30	10	20	31	3	28	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	30	21	9	31	29	2	0	0	0	0	0	0	0	0	2	0	0	30	9	21	31	2	29	C
A	30	22	8	31	30	1	0	0	0	0	0	0	0	0	1	0	0	30	8	22	31	1	30	C
												$\Delta\tau$ = 16												
B	30	10	20	31	19	13	0	0	0	0	0	1	0	0	0	0	0	30	20	10	31	13	19	B
B	30	11	19	31	20	12	0	0	0	0	0	1	0	0	0	0	0	30	19	11	31	12	20	B
B	30	12	18	31	21	11	0	0	0	0	0	1	0	0	0	0	0	30	18	12	31	11	21	B
B	30	13	17	31	22	10	0	0	0	0	0	0	1	0	0	0	0	30	17	13	31	10	22	B
B	30	14	16	31	23	9	0	0	0	0	0	0	1	0	0	0	0	30	16	14	31	9	23	B
B	30	15	15	31	24	8	0	0	0	0	0	0	1	0	0	0	0	30	15	15	31	8	24	B
B	30	17	13	31	26	6	0	0	0	0	0	0	0	1	0	0	0	30	13	17	31	6	26	B
J=31			ΔJ = 0																					
												$\Delta\tau$ = 1												
A	31	16	16	31	16	15	1625806	1624886	1609791	1552764	1333284	692812	744526	963601	1083810	1167130	1193952	31	16	16	31	15	16	C
C	31	16	15	31	17	15	1143145	1119224	1045089	939085	753761	527990	1072702	1343661	1410363	1427866	1428931	31	15	16	31	15	17	A
A	31	17	15	31	17	14	1835383	1834584	1821502	1772366	1588773	1069448	711963	979464	1117193	1211368	1241583	31	15	17	31	14	17	C
C	31	17	14	31	18	14	1089163	1067767	1001569	907487	747051	533514	788289	1144144	1223080	1243517	1244758	31	14	17	31	14	18	A
A	31	18	14	31	18	13	2057661	2056966	2045593	2003046	1846952	1450010	693867	984114	1144462	1251776	1286038	31	14	18	31	13	18	C
C	31	18	13	31	19	13	1032006	1012845	953635	869840	729161	553147	505305	952636	1047742	1071829	1073286	31	13	18	31	13	19	A
A	31	19	13	31	19	12	2292641	2292036	2282134	2245196	2111298	1789464	891507	972971	1164454	1288120	1327319	31	13	19	31	12	19	C
C	31	19	12	31	20	12	971673	954522	901570	826855	702696	553564	372628	765914	884041	912788	914516	31	12	19	31	12	20	A
A	31	20	12	31	20	11	2540323	2539795	2531178	2499093	2383737	2114929	1378003	937467	1175331	1320060	1365423	31	12	20	31	11	20	C
C	31	20	11	31	21	11	908165	892847	845586	779043	669224	540453	368001	575617	731475	766371	768448	31	11	20	31	11	21	A
A	31	21	11	31	21	10	2800706	2800247	2792763	2764938	2665470	2438093	1875983	883970	1173978	1347080	1400353	31	11	21	31	10	21	C
C	31	21	10	31	22	10	841482	827858	785846	726784	629769	517694	375419	375011	589141	632545	635081	31	10	21	31	10	22	A
A	31	22	10	31	22	9	3073790	3073394	3066921	3042883	2957303	2764137	2312135	995799	1154593	1368359	1432107	31	10	22	31	9	22	C
C	31	22	9	31	23	9	771623	759584	722473	670360	585041	487413	367771	239138	455095	511254	514415	31	9	22	31	9	23	A
A	31	23	9	31	23	8	3359577	3359236	3353676	3333042	3259803	3095924	2723719	1529756	1106396	1382529	1460685	31	9	23	31	8	23	C
C	31	23	8	31	24	8	698589	688049	655568	609993	535549	450900	349229	208509	324040	402402	406452	31	8	23	31	8	24	A
A	31	24	8	31	24	7	3658065	3657775	3653046	3635507	3573387	3435239	3127168	2232536	1051978	1387129	1486089	31	8	24	31	7	24	C
C	31	24	7	31	25	7	622379	613270	585207	545853	481675	409005	322761	207162	195453	305805	311190	31	7	24	31	7	25	A
A	31	25	7	31	25	6	3969254	3969011	3965046	3950347	3898371	3783285	3529708	2840013	1278928	1377290	1508317	31	7	25	31	6	25	C
C	31	25	6	31	26	6	542994	535265	511454	478079	423710	362322	290001	196188	120468	221062	228629	31	6	25	31	6	26	A
A	31	26	6	31	26	5	4293145	4292946	4289689	4277621	4234997	4140919	3935314	3394383	2074974	1342714	1527369	31	6	26	31	5	26	C
C	31	26	5	31	27	5	460433	454043	434360	406778	361881	311283	251949	176319	103131	147019	158770	31	5	26	31	5	27	A
A	31	27	5	31	27	4	4629738	4629579	4626985	4617374	4583458	4508772	4346470	3927665	3001365	1282837	1543246	31	5	27	31	4	27	C
C	31	27	4	31	28	4	374698	369616	353966	332040	296368	256216	209267	149991	94255	81561	101613	31	4	27	31	4	28	A
A	31	28	4	31	28	3	4979032	4978912	4976941	4969643	4943906	4887324	4764854	4452657	3798184	1488663	1555948	31	4	28	31	3	28	C
C	31	28	3	31	29	3	285786	281992	270307	253937	227316	197374	162423	118527	78112	38910	57157	31	3	28	31	3	29	A
A	31	29	3	31	29	2	5341028	5340943	5339565	5334460	5316465	5276951	5191661	4975952	4535363	2592950	1565474	31	3	29	31	2	29	C
C	31	29	2	31	30	2	193700	191178	183411	172531	154842	134955	111765	82720	56232	24041	25403	31	2	29	31	2	30	A
A	31	30	2	31	30	1	5715723	5715676	5714856	5711851	5701237	5677951	5627781	5501524	5247215	4202605	1571825	31	2	30	31	1	30	C
C	31	30	1	31	31	1	98437	97179	93302	87871	79043	69120	57555	43089	29947	13977	6351	31	1	30	31	1	31	A
A	31	31	1	31	31	0	6103075	6102856	6102447	6101775	6098303	6090564	6073893	6032000	5947985	5615770	3150000	31	1	31	31	0	31	C
												$\Delta\tau$ = 2												
B	31	15	16	31	16	15	1193952	1221047	1308837	1445595	1721639	2465304	1721639	1445595	1308837	1221047	1193952	31	16	15	31	15	16	B
B	31	16	16	31	17	15	1143145	1167325	1245684	1367365	1607876	1922812	1720211	1445594	1308837	1221047	1193952	31	16	16	31	15	17	B
B	31	16	15	31	17	14	1143145	1167325	1245684	1367365	1607985	2133055	1855371	1525624	1370894	1272081	1241583	31	15	16	31	14	17	B
B	31	17	15	31	18	14	1089163	1110801	1180938	1289644	1502011	1818649	1836579	1525622	1370894	1272081	1241583	31	15	17	31	14	18	B
B	31	17	14	31	18	13	1089163	1110801	1180938	1289644	1502019	1839228	2120801	1609395	1432546	1320587	1286038	31	14	17	31	13	18	B
B	31	18	14	31	19	13	1032006	1051390	1114237	1211534	1400179	1681708	1923159	1609360	1432546	1320587	1286038	31	14	18	31	13	19	B
B	31	18	13	31	19	12	1032006	1051390	1114237	1211534	1400180	1683220	2464831	1700079	1494791	1366788	1327319	31	13	18	31	12	19	B
B	31	19	13	31	20	12	971673	989029	1045313	1132389	1300399	1547241	1905090	1699564	1494791	1366788	1327319	31	13	19	31	12	20	B
B	31	19	12	31	20	11	971673	989029	1045313	1132389	1300399	1547355	2132523	1804765	1559122	1411010	1365423	31	12	19	31	11	20	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	31	20	12	31	21	11	908165	923669	973958	1051728	1201313	1418508	1775908	1797858	1559120	1411010	1365423	31	12	20	31	11	21	B
B	31	20	11	31	21	10	908165	923669	973958	1051728	1201313	1418516	1798119	1977202	1627873	1453739	1400353	31	11	20	31	10	21	B
B	31	21	11	31	22	10	841482	855273	900014	969191	1101974	1293296	1609165	1886417	1627834	1453739	1400353	31	11	21	31	10	22	B
B	31	21	10	31	22	9	841482	855273	900014	969191	1101974	1293296	1610668	2382929	1705051	1495729	1432107	31	10	21	31	9	22	B
B	31	22	10	31	23	9	771623	783811	823357	884496	1001695	1169723	1443497	1890115	1704370	1495729	1432107	31	10	22	31	9	23	B
B	31	22	9	31	23	8	771623	783811	823357	884496	1001695	1169723	1443600	2295136	1800632	1538198	1460685	31	9	22	31	8	23	B
B	31	23	9	31	24	8	698589	709261	743890	797425	899961	1046492	1282879	1751211	1790326	1538198	1460685	31	9	23	31	8	24	B
B	31	23	8	31	24	7	698589	709261	743890	797425	899961	1046492	1282885	1810281	1997076	1583220	1486089	31	8	23	31	7	24	B
B	31	24	8	31	25	7	622379	631602	661533	707804	796380	922693	1125176	1536260	1857455	1583215	1486089	31	8	24	31	7	25	B
B	31	24	7	31	25	6	622379	631602	661533	707804	796380	922693	1125176	1539742	2436734	1634595	1508317	31	7	24	31	6	25	B
B	31	25	7	31	26	6	542994	550821	576223	615494	690642	797662	968534	1312328	1800109	1634436	1508317	31	7	25	31	6	26	B
B	31	25	6	31	26	5	542994	550821	576223	615494	690642	797662	968534	1312527	2150697	1700915	1527369	31	6	25	31	5	26	B
B	31	26	6	31	27	5	460433	466905	487908	520379	582503	670899	811684	1092631	1565434	1696951	1527369	31	6	26	31	5	27	B
B	31	26	5	31	27	4	460433	466905	487908	520379	582503	670899	811684	1092641	1599866	1833536	1543246	31	5	26	31	4	27	B
B	31	27	5	31	28	4	374698	379843	396546	422369	471767	542017	653732	875567	1255759	1754239	1543246	31	5	27	31	4	28	B
B	31	27	4	31	28	3	374698	379843	396546	422369	471767	542017	653732	875567	1257252	2329412	1555948	31	4	27	31	3	28	B
B	31	28	4	31	29	3	285786	289629	302101	321384	358270	410710	494028	659015	940302	1658340	1555948	31	4	28	31	3	29	B
B	31	28	3	31	29	2	285786	289629	302101	321384	358270	410710	494028	659015	940358	2222265	1565474	31	3	28	31	2	29	B
B	31	29	3	31	30	2	193700	196254	204544	217363	241881	276733	332080	441522	627404	1231593	1565474	31	3	29	31	2	30	B
B	31	29	2	31	30	1	193700	196254	204544	217363	241881	276733	332080	441522	627405	1288578	1571825	31	2	29	31	1	30	B
B	31	30	2	31	31	1	98438	99712	103851	110250	122489	139885	167506	222089	314656	627975	1571825	31	2	30	31	1	31	B
B	31	30	1	31	31	0	98440	99710	103858	110249	122489	139885	167506	222089	314656	628963	3150000	31	1	30	31	0	31	B
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A	31	15	16	31	17	15	0	135	2341	10691	42593	218193	743322	963601	1083810	1167130	1193952	31	16	15	31	15	17	C
C	31	16	16	31	17	14	1143145	1119224	1045089	939085	753667	409996	54126	13287	2897	166	0	31	16	16	31	14	17	A
A	31	16	15	31	18	14	0	109	1890	8603	33831	111216	697567	979462	1117193	1211368	1241583	31	15	16	31	14	18	C
C	31	17	15	31	18	13	1089163	1067767	1001569	907487	747045	521087	75836	16559	3588	206	0	31	15	17	31	13	18	A
A	31	17	14	31	19	13	0	88	1521	6906	26899	77764	552595	984080	1144462	1251776	1286038	31	14	17	31	13	19	C
C	31	18	14	31	19	12	1032006	1012845	953635	869840	729161	552110	146647	20762	4459	255	0	31	14	18	31	12	19	A
A	31	18	13	31	20	12	0	70	1217	5517	21334	60212	294725	972466	1164454	1288120	1327319	31	13	18	31	12	20	C
C	31	19	13	31	20	11	971673	954522	901570	826855	702696	553483	280509	26320	5576	318	0	31	13	19	31	11	20	A
A	31	19	12	31	21	11	0	56	966	4373	16820	46810	144031	930908	1175329	1320060	1365423	31	12	19	31	11	21	C
C	31	20	12	31	21	10	908165	892847	845586	779043	669224	540448	358298	34993	7036	399	0	31	12	20	31	10	21	A
A	31	20	11	31	22	10	0	44	759	3430	13137	36177	96269	805169	1173937	1347080	1400353	31	11	20	31	10	22	C
C	31	21	11	31	22	9	841482	827858	785846	726784	629769	517694	374649	60816	9000	507	0	31	11	21	31	9	22	A
A	31	21	10	31	23	9	0	34	587	2652	10125	27656	71580	495360	1153883	1368359	1432107	31	10	21	31	9	23	C
C	31	22	10	31	23	8	771623	759584	722473	670360	585041	487413	367714	131391	11757	653	0	31	10	22	31	8	23	A
A	31	22	9	31	24	8	0	26	446	2013	7663	20799	52959	215152	1095836	1382529	1460685	31	9	22	31	8	24	C
C	31	23	9	31	24	7	698589	688049	655568	609993	535549	450900	349225	193954	16610	859	0	31	9	23	31	7	24	A
A	31	23	8	31	25	7	0	19	330	1490	5660	15286	38437	117503	916537	1387124	1486089	31	8	23	31	7	25	C
C	31	24	8	31	25	6	622379	613270	585207	545853	481675	409005	322761	206103	32957	1161	0	31	8	24	31	6	25	A
A	31	24	7	31	26	6	0	14	237	1067	4045	10880	27093	78386	496735	1377124	1508317	31	7	24	31	6	26	C
C	31	25	7	31	26	5	542994	535265	511454	478079	423710	362322	290001	196120	73780	1631	0	31	7	25	31	5	26	A
A	31	25	6	31	27	5	0	9	162	729	2761	7403	18292	51663	187693	1338515	1527369	31	6	25	31	5	27	C
C	31	26	6	31	27	4	460433	454043	434360	406778	361881	311283	251949	176316	98429	2478	0	31	6	26	31	4	27	A
A	31	26	5	31	28	4	0	6	104	466	1764	4716	11582	32123	91247	1199822	1543246	31	5	26	31	4	28	C
C	31	27	5	31	28	3	374698	369616	353966	332040	296368	256216	209267	149991	93995	5319	0	31	5	27	31	3	28	A
A	31	27	4	31	29	3	0	3	60	269	1017	2712	6626	18120	49049	703751	1555948	31	4	27	31	3	29	C
C	31	28	4	31	29	2	285786	281992	270307	253937	227316	197374	162423	118527	78101	15525	0	31	4	28	31	2	29	A
A	31	28	3	31	30	2	0	2	29	130	489	1303	3170	8571	22606	181342	1565474	31	3	28	31	2	30	C
C	31	29	3	31	30	1	193699	191178	183410	172531	154842	134955	111765	82720	56232	21916	0	31	3	29	31	1	30	A
A	31	29	2	31	31	1	0	1	9	42	157	418	1014	2717	7025	36911	1571825	31	2	29	31	1	31	C
C	31	30	2	31	31	0	98437	97174	93295	87871	79043	69120	57555	43089	29947	13927	0	31	2	30	31	0	31	A
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A	31	15	17	31	17	14	0	135	2341	10691	42536	76951	9166	2175	487	29	0	31	17	15	31	14	17	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	31	15	16	31	18	14	0	20	332	1463	5787	34926	53205	13287	2897	166	0	31	16	15	31	14	18	A
A	31	16	16	31	18	13	0	109	1890	8603	33827	89793	16559	3268	719	42	0	31	16	16	31	13	18	C
C	31	16	15	31	19	13	0	13	226	988	3757	13441	62541	16558	3588	206	0	31	15	16	31	13	19	A
A	31	17	15	31	19	12	0	88	1521	6906	26899	76248	42415	4998	1072	63	0	31	15	17	31	12	19	C
C	31	17	14	31	20	12	0	9	154	666	2467	7242	54548	20753	4459	255	0	31	14	17	31	12	20	A
A	31	18	14	31	20	11	0	70	1217	5517	21334	60120	96207	7870	1620	94	0	31	14	18	31	11	20	C
C	31	18	13	31	21	11	0	6	104	447	1623	4458	24910	26165	5576	318	0	31	13	18	31	11	21	A
A	31	19	13	31	21	10	0	56	966	4373	16820	46804	113400	13408	2499	143	0	31	13	19	31	10	21	C
C	31	19	12	31	22	10	0	4	69	297	1062	2798	9065	32334	7036	399	0	31	12	19	31	10	22	A
A	31	20	12	31	22	9	0	44	759	3430	13137	36176	94160	31183	3972	223	0	31	12	20	31	9	22	C
C	31	20	11	31	23	9	0	3	45	194	687	1756	4569	33513	8996	507	0	31	11	20	31	9	23	A
A	31	21	11	31	23	8	0	34	587	2652	10125	27656	71461	87000	6606	357	0	31	11	21	31	8	23	C
C	31	21	10	31	24	8	0	2	29	124	435	1089	2630	19351	11661	653	0	31	10	21	31	8	24	A
A	31	22	10	31	24	7	0	26	446	2013	7663	20799	52953	130070	12354	594	0	31	10	22	31	7	24	C
C	31	22	9	31	25	7	0	1	18	77	268	659	1520	6197	14783	859	0	31	9	22	31	7	25	A
A	31	23	9	31	25	6	0	19	330	1490	5660	15286	38437	110689	34085	1040	0	31	9	23	31	6	25	C
C	31	23	8	31	26	6	0	1	11	46	158	385	857	2392	14769	1160	0	31	8	23	31	6	26	A
A	31	24	8	31	26	5	0	14	237	1067	4045	10880	27093	78067	99082	1957	0	31	8	24	31	5	26	C
C	31	24	7	31	27	5	0	0	6	26	88	212	462	1145	6936	1626	0	31	7	24	31	5	27	A
A	31	25	7	31	27	4	0	9	162	729	2761	7403	18292	51649	125633	4180	0	31	7	25	31	4	27	C
C	31	25	6	31	28	4	0	0	3	13	45	108	231	536	1730	2339	0	31	6	25	31	4	28	A
A	31	26	6	31	28	3	0	6	104	466	1764	4716	11582	32123	87876	13573	0	31	6	26	31	3	28	C
C	31	26	5	31	29	3	0	0	1	6	21	49	102	226	521	2868	0	31	5	26	31	3	29	A
A	31	27	5	31	29	2	0	3	60	269	1017	2712	6626	18120	48945	60179	0	31	5	27	31	2	29	C
C	31	27	4	31	30	2	0	0	1	2	7	18	36	78	162	1458	0	31	4	27	31	2	30	A
A	31	28	4	31	30	1	0	2	29	130	489	1303	3170	8571	22604	88145	0	31	4	28	31	1	30	C
C	31	28	3	31	31	1	0	0	0	0	2	4	8	17	33	160	0	31	3	28	31	1	31	A
A	31	29	3	31	31	0	0	1	9	42	157	418	1014	2717	7025	34323	0	31	3	29	31	0	31	C
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B	31	14	17	31	17	14	0	30	542	2720	14162	122570	14162	2720	542	30	0	31	17	14	31	14	17	B
B	31	15	17	31	18	14	0	20	369	1829	8911	30210	13936	2720	542	30	0	31	17	15	31	14	18	B
B	31	15	16	31	18	13	0	20	369	1829	8922	69273	25677	4088	799	44	0	31	16	15	31	13	18	B
B	31	16	16	31	19	13	0	14	251	1235	5787	22337	21539	4088	799	44	0	31	16	16	31	13	19	B
B	31	16	15	31	19	12	0	14	251	1235	5787	27110	64905	6255	1191	64	0	31	15	16	31	12	19	B
B	31	17	15	31	20	12	0	9	171	833	3798	14288	29137	6252	1191	64	0	31	15	17	31	12	20	B
B	31	17	14	31	20	11	0	9	171	833	3798	14552	120793	9861	1800	97	0	31	14	17	31	11	20	B
B	31	18	14	31	21	11	0	6	115	559	2498	8924	29086	9805	1800	97	0	31	14	18	31	11	21	B
B	31	18	13	31	21	10	0	6	115	559	2498	8937	70280	16842	2778	147	0	31	13	18	31	10	21	B
B	31	19	13	31	22	10	0	4	77	371	1634	5603	21029	15641	2778	147	0	31	13	19	31	10	22	B
B	31	19	12	31	22	9	0	4	77	371	1634	5604	26100	39160	4417	229	0	31	12	19	31	9	22	B
B	31	20	12	31	23	9	0	3	50	243	1056	3514	12841	23228	4415	229	0	31	12	20	31	9	23	B
B	31	20	11	31	23	8	0	3	50	243	1056	3514	13109	100612	7351	366	0	31	11	20	31	8	23	B
B	31	21	11	31	24	8	0	2	32	155	670	2178	7519	26287	7293	366	0	31	11	21	31	8	24	B
B	31	21	10	31	24	7	0	2	32	155	670	2178	7531	91084	13772	609	0	31	10	21	31	7	24	B
B	31	22	10	31	25	7	0	1	20	96	412	1318	4347	19974	12333	609	0	31	10	22	31	7	25	B
B	31	22	9	31	25	6	0	1	20	96	412	1318	4347	31127	37874	1067	0	31	9	22	31	6	25	B
B	31	23	9	31	26	6	0	1	12	57	244	769	2451	11354	18728	1066	0	31	9	23	31	6	26	B
B	31	23	8	31	26	5	0	1	12	57	244	769	2451	12004	98337	2007	0	31	8	23	31	5	26	B
B	31	24	8	31	27	5	0	0	7	32	136	425	1320	5713	19489	2002	0	31	8	24	31	5	27	B
B	31	24	7	31	27	4	0	0	7	32	136	425	1320	5735	66895	4290	0	31	7	24	31	4	27	B
B	31	25	7	31	28	4	0	0	3	17	70	216	659	2682	12035	4053	0	31	7	25	31	4	28	B
B	31	25	6	31	28	3	0	0	3	17	70	216	659	2682	17349	13928	0	31	6	25	31	3	28	B
B	31	26	6	31	29	3	0	0	2	7	32	97	291	1131	5035	7776	0	31	6	26	31	3	29	B
B	31	26	5	31	29	2	0	0	2	7	32	97	291	1131	5219	59121	0	31	5	26	31	2	29	B
B	31	27	5	31	30	2	0	0	1	3	11	35	104	390	1612	8870	0	31	5	27	31	2	30	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	31	27	4	31	30	1	0	0	1	3	11	35	104	390	1616	54597	0	31	4	27	31	1	30	B
B	31	28	4	31	31	1	0	0	0	1	3	8	23	85	331	3274	0	31	4	28	31	1	31	B
B	31	28	3	31	31	0	0	0	0	1	3	8	23	85	331	6376	0	31	3	28	31	0	31	B
												Δτ = 7												
A	31	14	17	31	18	14	0	0	1	19	356	11116	9018	2175	487	29	0	31	17	14	31	14	18	C
C	31	15	17	31	18	13	0	20	332	1463	5779	14226	797	33	1	0	0	31	17	15	31	13	18	A
A	31	15	16	31	19	13	0	0	0	10	185	4047	13833	3268	719	42	0	31	16	15	31	13	19	C
C	31	16	16	31	19	12	0	13	226	988	3757	11018	2582	61	3	0	0	31	16	16	31	12	19	A
A	31	16	15	31	20	12	0	0	0	6	99	1225	17962	4995	1072	63	0	31	15	16	31	12	20	C
C	31	17	15	31	20	11	0	9	154	666	2467	7109	7323	117	5	0	0	31	15	17	31	11	20	A
A	31	17	14	31	21	11	0	0	0	3	54	529	14306	7825	1620	94	0	31	14	17	31	11	21	C
C	31	18	14	31	21	10	0	6	104	447	1623	4451	9554	247	9	0	0	31	14	18	31	10	21	A
A	31	18	13	31	22	10	0	0	0	2	30	264	5181	12438	2499	143	0	31	13	18	31	10	22	C
C	31	19	13	31	22	9	0	4	69	297	1062	2798	7263	728	17	0	0	31	13	19	31	9	22	A
A	31	19	12	31	23	9	0	0	0	1	16	135	1453	18153	3970	223	0	31	12	19	31	9	23	C
C	31	20	12	31	23	8	0	3	45	194	687	1756	4474	2618	36	0	0	31	12	20	31	8	23	A
A	31	20	11	31	24	8	0	0	0	1	9	69	572	18350	6554	357	0	31	11	20	31	8	24	C
C	31	21	11	31	24	7	0	2	29	124	435	1089	2626	4684	85	0	0	31	11	21	31	7	24	A
A	31	21	10	31	25	7	0	0	0	0	4	34	258	8428	11051	594	0	31	10	21	31	7	25	C
C	31	22	10	31	25	6	0	1	18	77	268	659	1520	3920	306	0	0	31	10	22	31	6	25	A
A	31	22	9	31	26	6	0	0	0	0	2	17	116	1974	16479	1040	0	31	9	22	31	6	26	C
C	31	23	9	31	26	5	0	1	11	46	158	385	857	2261	1186	1	0	31	9	23	31	5	26	A
A	31	23	8	31	27	5	0	0	0	0	1	8	50	553	14944	1951	0	31	8	23	31	5	27	C
C	31	24	8	31	27	4	0	0	6	26	88	212	462	1141	1813	3	0	31	8	24	31	4	27	A
A	31	24	7	31	28	4	0	0	0	0	0	3	20	189	4980	3949	0	31	7	24	31	4	28	C
C	31	25	7	31	28	3	0	0	3	13	45	108	231	536	1192	15	0	31	7	25	31	3	28	A
A	31	25	6	31	29	3	0	0	0	0	0	1	7	60	790	7544	0	31	6	25	31	3	29	C
C	31	26	6	31	29	2	0	0	1	6	21	49	102	226	503	98	0	31	6	26	31	2	29	A
A	31	26	5	31	30	2	0	0	0	0	0	0	2	16	138	8127	0	31	5	26	31	2	30	C
C	31	27	5	31	30	1	0	0	1	2	7	18	36	78	161	204	0	31	5	27	31	1	30	A
A	31	27	4	31	31	1	0	0	0	0	0	0	0	2	19	1890	0	31	4	27	31	1	31	C
C	31	28	4	31	31	0	0	0	0	0	2	4	8	17	33	82	0	31	4	28	31	0	31	A
												Δτ = 9												
A	31	14	18	31	18	13	0	0	1	19	351	2000	107	5	0	0	0	31	18	14	31	13	18	C
C	31	14	17	31	19	13	0	0	0	2	39	1270	667	33	1	0	0	31	17	14	31	13	19	A
A	31	15	17	31	19	12	0	0	0	10	184	1698	427	10	0	0	0	31	17	15	31	12	19	C
C	31	15	16	31	20	12	0	0	0	1	17	367	1122	61	3	0	0	31	16	15	31	12	20	A
A	31	16	16	31	20	11	0	0	0	6	99	1007	1518	23	1	0	0	31	16	16	31	11	20	C
C	31	16	15	31	21	11	0	0	0	0	8	89	1330	117	5	0	0	31	15	16	31	11	21	A
A	31	17	15	31	21	10	0	0	0	3	54	519	2443	59	2	0	0	31	15	17	31	10	21	C
C	31	17	14	31	22	10	0	0	0	0	3	31	851	229	9	0	0	31	14	17	31	10	22	A
A	31	18	14	31	22	9	0	0	0	2	30	264	2054	214	5	0	0	31	14	18	31	9	22	C
C	31	18	13	31	23	9	0	0	0	0	2	13	240	427	17	0	0	31	13	18	31	9	23	A
A	31	19	13	31	23	8	0	0	0	1	16	135	1167	971	13	0	0	31	13	19	31	8	23	C
C	31	19	12	31	24	8	0	0	0	0	1	5	53	606	35	0	0	31	12	19	31	8	24	A
A	31	20	12	31	24	7	0	0	0	1	9	69	560	2212	37	0	0	31	12	20	31	7	24	C
C	31	20	11	31	25	7	0	0	0	0	0	2	16	491	76	0	0	31	11	20	31	7	25	A
A	31	21	11	31	25	6	0	0	0	0	4	34	258	2203	170	0	0	31	11	21	31	6	25	C
C	31	21	10	31	26	6	0	0	0	0	0	1	6	167	150	0	0	31	10	21	31	6	26	A
A	31	22	10	31	26	5	0	0	0	0	2	17	116	1257	857	1	0	31	10	22	31	5	26	C
C	31	22	9	31	27	5	0	0	0	0	0	0	2	28	202	1	0	31	9	22	31	5	27	A
A	31	23	9	31	27	4	0	0	0	0	1	8	50	523	1727	3	0	31	9	23	31	4	27	C
C	31	23	8	31	28	4	0	0	0	0	0	0	1	6	131	3	0	31	8	23	31	4	28	A
A	31	24	8	31	28	3	0	0	0	0	0	3	20	188	1367	18	0	31	8	24	31	3	28	C
C	31	24	7	31	29	3	0	0	0	0	0	0	0	1	28	8	0	31	7	24	31	3	29	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	31	25	7	31	29	2	0	0	0	0	0	1	7	60	546	164	0	31	7	25	31	2	29	C
C	31	25	6	31	30	2	0	0	0	0	0	0	0	0	3	14	0	31	6	25	31	2	30	A
A	31	26	6	31	30	1	0	0	0	0	0	0	2	16	133	501	0	31	6	26	31	1	30	C
C	31	26	5	31	31	1	0	0	0	0	0	0	0	0	0	7	0	31	5	26	31	1	31	A
A	31	27	5	31	31	0	0	0	0	0	0	0	0	2	19	284	0	31	5	27	31	0	31	C
												Δτ = 10												
B	31	13	18	31	18	13	0	0	0	6	164	3814	164	6	0	0	0	31	18	13	31	13	18	B
B	31	14	18	31	19	13	0	0	0	3	59	478	137	6	0	0	0	31	18	14	31	13	19	B
B	31	14	17	31	19	12	0	0	0	3	60	2528	656	12	0	0	0	31	17	14	31	12	19	B
B	31	15	17	31	20	12	0	0	0	1	26	309	286	12	0	0	0	31	17	15	31	12	20	B
B	31	15	16	31	20	11	0	0	0	1	26	734	2326	29	1	0	0	31	16	15	31	11	20	B
B	31	16	16	31	21	11	0	0	0	1	12	147	441	29	1	0	0	31	16	16	31	11	21	B
B	31	16	15	31	21	10	0	0	0	1	12	179	3607	74	2	0	0	31	15	16	31	10	21	B
B	31	17	15	31	22	10	0	0	0	0	5	61	436	68	2	0	0	31	15	17	31	10	22	B
B	31	17	14	31	22	9	0	0	0	0	5	63	2418	268	6	0	0	31	14	17	31	9	22	B
B	31	18	14	31	23	9	0	0	0	0	2	25	273	157	6	0	0	31	14	18	31	9	23	B
B	31	18	13	31	23	8	0	0	0	0	2	25	685	1213	14	0	0	31	13	18	31	8	23	B
B	31	19	13	31	24	8	0	0	0	0	1	11	121	285	14	0	0	31	13	19	31	8	24	B
B	31	19	12	31	24	7	0	0	0	0	1	11	150	2723	41	0	0	31	12	19	31	7	24	B
B	31	20	12	31	25	7	0	0	0	0	0	4	45	328	37	0	0	31	12	20	31	7	25	B
B	31	20	11	31	25	6	0	0	0	0	0	4	46	2425	189	0	0	31	11	20	31	6	25	B
B	31	21	11	31	26	6	0	0	0	0	0	2	16	220	92	0	0	31	11	21	31	6	26	B
B	31	21	10	31	26	5	0	0	0	0	0	2	16	834	951	1	0	31	10	21	31	5	26	B
B	31	22	10	31	27	5	0	0	0	0	0	1	6	91	165	1	0	31	10	22	31	5	27	B
B	31	22	9	31	27	4	0	0	0	0	0	1	6	142	1887	3	0	31	9	22	31	4	27	B
B	31	23	9	31	28	4	0	0	0	0	0	0	2	27	161	3	0	31	9	23	31	4	28	B
B	31	23	8	31	28	3	0	0	0	0	0	0	2	28	1302	18	0	31	8	23	31	3	28	B
B	31	24	8	31	29	3	0	0	0	0	0	0	1	7	77	10	0	31	8	24	31	3	29	B
B	31	24	7	31	29	2	0	0	0	0	0	0	1	7	280	168	0	31	7	24	31	2	29	B
B	31	25	7	31	30	2	0	0	0	0	0	0	0	1	18	24	0	31	7	25	31	2	30	B
B	31	25	6	31	30	1	0	0	0	0	0	0	0	1	26	512	0	31	6	25	31	1	30	B
B	31	26	6	31	31	1	0	0	0	0	0	0	0	0	2	18	0	31	6	26	31	1	31	B
B	31	26	5	31	31	0	0	0	0	0	0	0	0	0	2	274	0	31	5	26	31	0	31	B
												Δτ = 11												
A	31	13	18	31	19	13	0	0	0	0	3	228	89	5	0	0	0	31	18	13	31	13	19	C
C	31	14	18	31	19	12	0	0	0	2	39	238	17	0	0	0	0	31	18	14	31	12	19	A
A	31	14	17	31	20	12	0	0	0	0	1	115	186	10	0	0	0	31	17	14	31	12	20	C
C	31	15	17	31	20	11	0	0	0	1	17	155	73	0	0	0	0	31	17	15	31	11	20	A
A	31	15	16	31	21	11	0	0	0	0	0	27	285	23	1	0	0	31	16	15	31	11	21	C
C	31	16	16	31	21	10	0	0	0	0	8	73	146	1	0	0	0	31	16	16	31	10	21	A
A	31	16	15	31	22	10	0	0	0	0	0	5	272	55	2	0	0	31	15	16	31	10	22	C
C	31	17	15	31	22	9	0	0	0	0	3	31	152	3	0	0	0	31	15	17	31	9	22	A
A	31	17	14	31	23	9	0	0	0	0	0	2	136	126	5	0	0	31	14	17	31	9	23	C
C	31	18	14	31	23	8	0	0	0	0	2	13	95	18	0	0	0	31	14	18	31	8	23	A
A	31	18	13	31	24	8	0	0	0	0	0	0	30	227	13	0	0	31	13	18	31	8	24	C
C	31	19	13	31	24	7	0	0	0	0	1	5	42	51	0	0	0	31	13	19	31	7	24	A
A	31	19	12	31	25	7	0	0	0	0	0	0	5	258	33	0	0	31	12	19	31	7	25	C
C	31	20	12	31	25	6	0	0	0	0	0	2	16	65	1	0	0	31	12	20	31	6	25	A
A	31	20	11	31	26	6	0	0	0	0	0	0	1	155	83	0	0	31	11	20	31	6	26	C
C	31	21	11	31	26	5	0	0	0	0	0	1	6	44	6	0	0	31	11	21	31	5	26	A
A	31	21	10	31	27	5	0	0	0	0	0	0	0	38	148	1	0	31	10	21	31	5	27	C
C	31	22	10	31	27	4	0	0	0	0	0	0	2	18	15	0	0	31	10	22	31	4	27	A
A	31	22	9	31	28	4	0	0	0	0	0	0	0	5	143	3	0	31	9	22	31	4	28	C
C	31	23	9	31	28	3	0	0	0	0	0	0	1	5	16	0	0	31	9	23	31	3	28	A
A	31	23	8	31	29	3	0	0	0	0	0	0	0	1	60	10	0	31	8	23	31	3	29	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	31	24	8	31	29	2	0	0	0	0	0	0	0	1	8	0	0	31	8	24	31	2	29	A
A	31	24	7	31	30	2	0	0	0	0	0	0	0	0	7	23	0	31	7	24	31	2	30	C
C	31	25	7	31	30	1	0	0	0	0	0	0	0	0	2	1	0	31	7	25	31	1	30	A
A	31	25	6	31	31	1	0	0	0	0	0	0	0	0	0	18	0	31	6	25	31	1	31	C
												$\Delta\tau = 13$												
A	31	13	19	31	19	12	0	0	0	0	3	27	2	0	0	0	0	31	19	13	31	12	19	C
C	31	13	18	31	20	12	0	0	0	0	0	21	7	0	0	0	0	31	18	13	31	12	20	A
A	31	14	18	31	20	11	0	0	0	0	1	22	10	0	0	0	0	31	18	14	31	11	20	C
C	31	14	17	31	21	11	0	0	0	0	0	8	14	0	0	0	0	31	17	14	31	11	21	A
A	31	15	17	31	21	10	0	0	0	0	0	11	24	0	0	0	0	31	17	15	31	10	21	C
C	31	15	16	31	22	10	0	0	0	0	0	2	17	1	0	0	0	31	16	15	31	10	22	A
A	31	16	16	31	22	9	0	0	0	0	0	4	31	1	0	0	0	31	16	16	31	9	22	C
C	31	16	15	31	23	9	0	0	0	0	0	0	13	2	0	0	0	31	15	16	31	9	23	A
A	31	17	15	31	23	8	0	0	0	0	0	1	24	4	0	0	0	31	15	17	31	8	23	C
C	31	17	14	31	24	8	0	0	0	0	0	0	5	4	0	0	0	31	14	17	31	8	24	A
A	31	18	14	31	24	7	0	0	0	0	0	0	12	15	0	0	0	31	14	18	31	7	24	C
C	31	18	13	31	25	7	0	0	0	0	0	0	1	6	0	0	0	31	13	18	31	7	25	A
A	31	19	13	31	25	6	0	0	0	0	0	0	4	24	0	0	0	31	13	19	31	6	25	C
C	31	19	12	31	26	6	0	0	0	0	0	0	0	5	0	0	0	31	12	19	31	6	26	A
A	31	20	12	31	26	5	0	0	0	0	0	0	1	21	3	0	0	31	12	20	31	5	26	C
C	31	20	11	31	27	5	0	0	0	0	0	0	0	2	1	0	0	31	11	20	31	5	27	A
A	31	21	11	31	27	4	0	0	0	0	0	0	0	10	9	0	0	31	11	21	31	4	27	C
C	31	21	10	31	28	4	0	0	0	0	0	0	0	0	1	0	0	31	10	21	31	4	28	A
A	31	22	10	31	28	3	0	0	0	0	0	0	0	3	12	0	0	31	10	22	31	3	28	C
C	31	22	9	31	29	3	0	0	0	0	0	0	0	0	1	0	0	31	9	22	31	3	29	A
A	31	23	9	31	29	2	0	0	0	0	0	0	0	1	7	0	0	31	9	23	31	2	29	C
A	31	24	8	31	30	1	0	0	0	0	0	0	0	0	2	1	0	31	8	24	31	1	30	C
A	31	25	7	31	31	0	0	0	0	0	0	0	0	0	0	1	0	31	7	25	31	0	31	C
												$\Delta\tau = 14$												
B	31	12	19	31	19	12	0	0	0	0	3	54	3	0	0	0	0	31	19	12	31	12	19	B
B	31	13	19	31	20	12	0	0	0	0	0	5	1	0	0	0	0	31	19	13	31	12	20	B
B	31	13	18	31	20	11	0	0	0	0	0	41	15	0	0	0	0	31	18	13	31	11	20	B
B	31	14	18	31	21	11	0	0	0	0	0	3	3	0	0	0	0	31	18	14	31	11	21	B
B	31	14	17	31	21	10	0	0	0	0	0	17	37	0	0	0	0	31	17	14	31	10	21	B
B	31	15	17	31	22	10	0	0	0	0	0	1	4	0	0	0	0	31	17	15	31	10	22	B
B	31	15	16	31	22	9	0	0	0	0	0	3	48	1	0	0	0	31	16	15	31	9	22	B
B	31	16	16	31	23	9	0	0	0	0	0	0	4	0	0	0	0	31	16	16	31	9	23	B
B	31	16	15	31	23	8	0	0	0	0	0	1	36	5	0	0	0	31	15	16	31	8	23	B
B	31	17	15	31	24	8	0	0	0	0	0	0	3	1	0	0	0	31	15	17	31	8	24	B
B	31	17	14	31	24	7	0	0	0	0	0	0	14	19	0	0	0	31	14	17	31	7	24	B
B	31	18	14	31	25	7	0	0	0	0	0	0	1	2	0	0	0	31	14	18	31	7	25	B
B	31	18	13	31	25	6	0	0	0	0	0	0	2	30	0	0	0	31	13	18	31	6	25	B
B	31	19	13	31	26	6	0	0	0	0	0	0	0	2	0	0	0	31	13	19	31	6	26	B
B	31	19	12	31	26	5	0	0	0	0	0	0	0	25	3	0	0	31	12	19	31	5	26	B
B	31	20	12	31	27	5	0	0	0	0	0	0	0	1	0	0	0	31	12	20	31	5	27	B
B	31	20	11	31	27	4	0	0	0	0	0	0	0	11	9	0	0	31	11	20	31	4	27	B
B	31	21	11	31	28	4	0	0	0	0	0	0	0	1	1	0	0	31	11	21	31	4	28	B
B	31	21	10	31	28	3	0	0	0	0	0	0	0	2	13	0	0	31	10	21	31	3	28	B
B	31	22	10	31	29	3	0	0	0	0	0	0	0	0	1	0	0	31	10	22	31	3	29	B
B	31	22	9	31	29	2	0	0	0	0	0	0	0	0	8	0	0	31	9	22	31	2	29	B
B	31	23	8	31	30	1	0	0	0	0	0	0	0	0	2	1	0	31	8	23	31	1	30	B
B	31	24	7	31	31	0	0	0	0	0	0	0	0	0	0	1	0	31	7	24	31	0	31	B
												$\Delta\tau = 15$												
A	31	12	19	31	20	12	0	0	0	0	0	2	1	0	0	0	0	31	19	12	31	12	20	C
C	31	13	19	31	20	11	0	0	0	0	0	2	0	0	0	0	0	31	19	13	31	11	20	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	31	13	18	31	21	11	0	0	0	0	0	2	2	0	0	0	0	31	18	13	31	11	21	C
C	31	14	18	31	21	10	0	0	0	0	0	2	1	0	0	0	0	31	18	14	31	10	21	A
A	31	14	17	31	22	10	0	0	0	0	0	0	3	0	0	0	0	31	17	14	31	10	22	C
C	31	15	17	31	22	9	0	0	0	0	0	1	1	0	0	0	0	31	17	15	31	9	22	A
A	31	15	16	31	23	9	0	0	0	0	0	0	3	0	0	0	0	31	16	15	31	9	23	C
C	31	16	16	31	23	8	0	0	0	0	0	0	1	0	0	0	0	31	16	16	31	8	23	A
A	31	16	15	31	24	8	0	0	0	0	0	0	2	1	0	0	0	31	15	16	31	8	24	C
C	31	17	15	31	24	7	0	0	0	0	0	0	1	0	0	0	0	31	15	17	31	7	24	A
A	31	17	14	31	25	7	0	0	0	0	0	0	0	2	0	0	0	31	14	17	31	7	25	C
A	31	18	13	31	26	6	0	0	0	0	0	0	0	2	0	0	0	31	13	18	31	6	26	C
A	31	19	12	31	27	5	0	0	0	0	0	0	0	1	0	0	0	31	12	19	31	5	27	C
A	31	20	11	31	28	4	0	0	0	0	0	0	0	0	1	0	0	31	11	20	31	4	28	C
A	31	21	10	31	29	3	0	0	0	0	0	0	0	0	1	0	0	31	10	21	31	3	29	C
J=31			ΔJ = 1																					
												Δτ = 0												
B	31	16	15	32	17	16	1837500	1810231	1720537	1577097	1275033	751344	1113507	1469685	1631750	1732090	1762500	31	15	16	32	16	17	B
B	31	17	14	32	18	15	1914063	1889584	1809260	1681732	1420198	958271	923899	1357899	1542426	1655065	1689063	31	14	17	32	15	18	B
B	31	18	13	32	19	14	1992187	1970218	1898265	1784644	1555699	1179869	745224	1239139	1451894	1579027	1617187	31	13	18	32	14	19	B
B	31	19	12	32	20	13	2071875	2052187	1987808	1886568	1685070	1369130	765966	1108734	1359160	1503797	1546875	31	12	19	32	13	20	B
B	31	20	11	32	21	12	2153125	2135534	2078084	1988034	1810409	1539632	1010251	957635	1262675	1429115	1478125	31	11	20	32	12	21	B
B	31	21	10	32	22	11	2235937	2220291	2169244	2089439	1933078	1699113	1274361	788722	1159836	1354598	1410937	31	10	21	32	11	22	B
B	31	22	9	32	23	10	2320313	2306484	2261409	2191088	2054016	1851562	1500404	746727	1045832	1279647	1345313	31	9	22	32	10	23	B
B	31	23	8	32	24	9	2406250	2394135	2354673	2293214	2173901	1999329	1704698	985419	911600	1203284	1281250	31	8	23	32	9	24	B
B	31	24	7	32	25	8	2493750	2483260	2449113	2396007	2293239	2143931	1896387	1333661	771896	1123787	1218750	31	7	24	32	8	25	B
B	31	25	6	32	26	7	2582813	2573873	2544792	2499617	2412421	2286416	2080057	1635792	815067	1037814	1157813	31	6	25	32	7	26	B
B	31	26	5	32	27	6	2673438	2665987	2641761	2604166	2531752	2427543	2258374	1905163	1185518	938436	1098438	31	5	26	32	6	27	B
B	31	27	4	32	28	5	2765625	2759611	2740063	2709754	2651475	2567881	2433052	2156840	1636030	824744	1040625	31	4	27	32	5	28	B
B	31	28	3	32	29	4	2859375	2854753	2839735	2816467	2771789	2707870	2605271	2397711	2024557	867079	984375	31	3	28	32	4	29	B
B	31	29	2	32	30	3	2954687	2951420	2940807	2924374	2892855	2847855	2775885	2631528	2378458	1387764	929687	31	2	29	32	3	30	B
B	31	30	1	32	31	2	3051561	3049618	3043302	3033534	3014809	2988116	2945535	2860611	2713830	2171121	876563	31	1	30	32	2	31	B
B	31	31	0	32	32	1	3149976	3149225	3147058	3143967	3137762	3128880	3114718	3086513	3037968	2864336	1650000	31	0	31	32	1	32	B
												Δτ = 1												
C	31	0	31	32	1	31	1650000	415889	269488	230454	210733	202839	199165	197486	197015	196874	196884	31	31	0	32	31	1	A
C	31	1	31	32	2	31	876563	415521	269488	230454	210733	202839	199165	197488	197012	196883	196875	31	31	1	32	31	2	A
C	31	1	30	32	2	30	876562	829888	530531	453608	414776	399238	392006	388706	387768	387515	387500	31	30	1	32	30	2	A
C	31	2	30	32	3	30	929688	806341	530530	453608	414776	399238	392006	388706	387769	387516	387500	31	30	2	32	30	3	A
C	31	2	29	32	3	29	929687	1361269	783470	669520	612137	589197	578524	573654	572271	571898	571875	31	29	2	32	29	3	A
C	31	3	29	32	4	29	984375	1098300	783457	669520	612137	589197	578524	573654	572271	571898	571875	31	29	3	32	29	4	A
C	31	3	28	32	4	28	984375	1490338	1028957	878294	802829	772720	758719	752333	750520	750030	750000	31	28	3	32	28	4	A
C	31	4	28	32	5	28	1040625	1212316	1028543	878294	802829	772720	758719	752333	750520	750030	750000	31	28	4	32	28	5	A
C	31	4	27	32	5	27	1040625	1264068	1272551	1080110	986874	949807	932592	924742	922514	921912	921875	31	27	4	32	27	5	A
C	31	5	27	32	6	27	1098438	1240953	1261649	1080109	986874	949807	932592	924742	922514	921912	921875	31	27	5	32	27	6	A
C	31	5	26	32	6	26	1098437	1243754	1591216	1275289	1164308	1120466	1100142	1090881	1088253	1087543	1087500	31	26	5	32	26	6	A
C	31	6	26	32	7	26	1157812	1269500	1452386	1275252	1164308	1120466	1100142	1090881	1088253	1087543	1087500	31	26	6	32	26	7	A
C	31	6	25	32	7	25	1157812	1269621	1815577	1464452	1335195	1284704	1261370	1250750	1247738	1246925	1246875	31	25	6	32	25	7	A
C	31	7	25	32	8	25	1218750	1308865	1551091	1463713	1335195	1284704	1261370	1250750	1247738	1246925	1246875	31	25	7	32	25	8	A
C	31	7	24	32	8	24	1218750	1308869	1647023	1655535	1499639	1442535	1416278	1404350	1400969	1400056	1400000	31	24	7	32	24	8	A
C	31	8	24	32	9	24	1281250	1356052	1581126	1640409	1499638	1442535	1416278	1404350	1400969	1400056	1400000	31	24	8	32	24	9	A
C	31	8	23	32	9	23	1281250	1356052	1589170	1919242	1657819	1593982	1564869	1551680	1547945	1546937	1546875	31	23	8	32	23	9	A
C	31	9	23	32	10	23	1345312	1408757	1601765	1779327	1657808	1593982	1564869	1551680	1547945	1546937	1546875	31	23	9	32	23	10	A
C	31	9	22	32	10	22	1345312	1408757	1602350	2055196	1810039	1739083	1707145	1692740	1688666	1687567	1687500	31	22	9	32	22	10	A
C	31	10	22	32	11	22	1410937	1465633	1631826	1849541	1809845	1739083	1707145	1692740	1688666	1687567	1687500	31	22	10	32	22	11	A
C	31	10	21	32	11	21	1410937	1465633	1631863	1914726	1957824	1877903	1843114	1827530	1823133	1821948	1821875	31	21	10	32	21	11	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	31	11	21	32	12	21	1478125	1525869	1670879	1875017	1954329	1877902	1843114	1827530	1823133	1821948	1821875	31	21	11	32	21	12	A
C	31	11	20	32	12	20	1478125	1525869	1670881	1880826	2131228	2010550	1972786	1956051	1951345	1950078	1950000	31	20	11	32	20	12	A
C	31	12	20	32	13	20	1546875	1588949	1716815	1896741	2080024	2010543	1972786	1956051	1951345	1950078	1950000	31	20	12	32	20	13	A
C	31	12	19	32	13	19	1546875	1588949	1716815	1897229	2330854	2137202	2096180	2078303	2073303	2071957	2071875	31	19	12	32	19	13	A
C	31	13	19	32	14	19	1617187	1654532	1768148	1926941	2161443	2137084	2096180	2078303	2073303	2071957	2071875	31	19	13	32	19	14	A
C	31	13	18	32	14	18	1617187	1654532	1768148	1926977	2281667	2258645	2213326	2194287	2189005	2187587	2187500	31	18	13	32	18	14	A
C	31	14	18	32	15	18	1689062	1722385	1823891	1965170	2197105	2256611	2213326	2194287	2189005	2187587	2187500	31	18	14	32	18	15	A
C	31	14	17	32	15	17	1689062	1722385	1823891	1965173	2211980	2393292	2324278	2304005	2298452	2296966	2296875	31	17	14	32	17	15	A
C	31	15	17	32	16	17	1762500	1792343	1883363	2009800	2218878	2361670	2324275	2304005	2298452	2296966	2296875	31	17	15	32	17	16	A
C	31	15	16	32	16	16	1762500	1792343	1883363	2009800	2220221	2558104	2429117	2407460	2401644	2400095	2400000	31	16	15	32	16	16	A
C	31	16	16	32	17	16	1837500	1864287	1946083	2059629	2245746	2433659	2429059	2407460	2401644	2400095	2400000	31	16	16	32	16	17	A
C	31	16	15	32	17	15	1837500	1864287	1946083	2059629	2245864	2542511	2528156	2504659	2498580	2496973	2496875	31	15	16	32	15	17	A
C	31	17	15	32	18	15	1914062	1938129	2011696	2113826	2280089	2469082	2527134	2504659	2498580	2496973	2496875	31	15	17	32	15	18	A
C	31	17	14	32	18	14	1914062	1938129	2011696	2113826	2280098	2484136	2631296	2595611	2589260	2587601	2587500	31	14	17	32	14	18	A
C	31	18	14	32	19	14	1992187	2013802	2079940	2171795	2320732	2491852	2613827	2595611	2589260	2587601	2587500	31	14	18	32	14	19	A
C	31	18	13	32	19	13	1992187	2013802	2079940	2171795	2320733	2493235	2759831	2680332	2673682	2671978	2671875	31	13	18	32	13	19	A
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B	31	3	29	32	4	28	984375	409862	44880	25629	17250	13752	11790	10519	9889	9494	9375	31	29	3	32	28	4	B
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B	31	11	21	32	12	20	1478125	1429115	1262673	951017	202960	152530	129388	115180	108444	104346	103125	31	21	11	32	20	12	B
B	31	12	20	32	13	19	1546875	1503797	1359160	1108164	318082	179471	152498	135861	128022	123281	121875	31	20	12	32	19	13	B

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	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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B	31	14	18	32	15	17	1689063	1655065	1542426	1357896	906220	239721	203075	181795	171787	165815	164063	31	18	14	32	17	15	B
B	31	15	17	32	16	16	1762500	1732090	1631750	1469685	1111803	335548	229590	206800	195870	189389	187500	31	17	15	32	16	16	B
B	31	16	16	32	17	15	1837500	1810231	1720537	1577097	1274882	608122	255412	232877	221309	214474	212500	31	16	16	32	15	17	B
B	31	17	15	32	18	14	1914062	1889584	1809260	1681732	1420187	938406	281817	259626	247969	241041	239063	31	15	17	32	14	18	B
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B	31	19	13	32	20	12	2071875	2052187	1987808	1886568	1685070	1368949	621253	311557	303996	298418	296875	31	13	19	32	12	20	B
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B	31	21	11	32	22	10	2235937	2220291	2169244	2089439	1933078	1699112	1272237	367682	360045	360788	360938	31	11	21	32	10	22	B
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B	31	24	8	32	25	7	2493750	2483260	2449113	2396007	2293239	2143931	1896386	1328929	439689	458510	468750	31	8	24	32	7	25	B
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B	31	26	6	32	27	5	2673437	2665987	2641761	2604166	2531752	2427543	2258374	1905135	1155276	511464	548438	31	6	26	32	5	27	B
B	31	27	5	32	28	4	2765625	2759611	2740063	2709754	2651475	2567881	2433052	2156839	1633486	532076	590625	31	5	27	32	4	28	B
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B	31	29	3	32	30	2	2954687	2951420	2940807	2924374	2892855	2847855	2775885	2631528	2378451	1345498	679688	31	3	29	32	2	30	B
B	31	30	2	32	31	1	3051541	3049619	3043300	3033534	3014809	2988116	2945535	2860611	2713830	2168340	726562	31	2	30	32	1	31	B
B	31	31	1	32	32	0	3149998	3149352	3146965	3143996	3137757	3128880	3114718	3086513	3037968	2864258	1550000	31	1	31	32	0	32	B
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A	31	1	30	32	3	29	0	2699	2188	2538	3010	3436	3833	4209	4451	4629	4688	31	30	1	32	29	3	C
A	31	2	30	32	4	29	0	1616	2188	2538	3010	3436	3833	4209	4451	4629	4688	31	30	2	32	29	4	C
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A	31	5	26	32	7	25	0	1257	30573	19897	21980	24509	27050	29549	31190	32408	32812	31	26	5	32	25	7	C
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A	31	8	24	32	10	23	0	614	11051	35605	39214	42735	46719	50799	53526	55570	56250	31	24	8	32	23	10	C
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A	31	14	18	32	16	17	0	245	4267	19423	76507	141221	144319	151388	157458	162374	164062	31	18	14	32	17	16	C
A	31	14	17	32	16	16	0	245	4267	19423	77581	214915	168481	174302	180481	185689	187500	31	17	14	32	16	16	C
A	31	15	17	32	17	16	0	216	3756	17023	66175	156569	168441	174302	180481	185689	187500	31	17	15	32	16	17	C
A	31	15	16	32	17	15	0	216	3756	17023	66249	253350	196668	199431	205312	210619	212500	31	16	15	32	15	17	C
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	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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A	31	20	12	32	22	11	0	116	2014	9054	34054	90115	217131	332610	326776	327373	328125	31	12	20	32	11	22	C
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A	31	23	8	32	25	7	0	76	1322	5939	22241	58214	136895	354007	564814	478887	468750	31	8	23	32	7	25	C
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B	31	1	30	32	4	29	0	57843	21689	12637	8581	6863	5892	5259	4945	4747	4687	31	30	1	32	29	4	B
B	31	2	29	32	5	28	0	41121	44824	25629	17250	13752	11790	10519	9889	9494	9375	31	29	2	32	28	5	B
B	31	3	28	32	6	27	0	9920	76527	43378	28907	22965	19660	17530	16480	15824	15625	31	28	3	32	27	6	B
B	31	4	27	32	7	26	0	3273	105960	66162	43608	34513	29502	26293	24717	23734	23438	31	27	4	32	26	7	B
B	31	5	26	32	8	25	0	1640	85570	94121	61412	48406	41313	36802	34596	33226	32813	31	26	5	32	25	8	B
B	31	6	25	32	9	24	0	933	31700	125259	82373	64649	55087	49051	46115	44297	43750	31	25	6	32	24	9	B
B	31	7	24	32	10	23	0	571	12488	142001	106502	83234	70812	63031	59269	56947	56250	31	24	7	32	23	10	B
B	31	8	23	32	11	22	0	368	7231	98289	133620	104138	88465	78728	74049	71174	70313	31	23	8	32	22	11	B
B	31	9	22	32	12	21	0	247	4700	38585	162306	127290	108010	96121	90446	86975	85938	31	22	9	32	21	12	B
B	31	10	21	32	13	20	0	171	3195	18304	182531	152524	129388	115180	108444	104346	103125	31	21	10	32	20	13	B
B	31	11	20	32	14	19	0	121	2241	11783	154565	179384	152498	135861	128022	123281	121875	31	20	11	32	19	14	B
B	31	12	19	32	15	18	0	88	1607	8184	74459	206035	177166	158098	149150	143775	142188	31	19	12	32	18	15	B
B	31	13	18	32	16	17	0	64	1172	5852	32852	222232	203070	181795	171787	165815	164063	31	18	13	32	17	16	B
B	31	14	17	32	17	16	0	48	866	4265	20431	187933	229513	206800	195870	189389	187500	31	17	14	32	16	17	B
B	31	15	16	32	18	15	0	36	645	3148	14403	94263	254346	232877	221309	214474	212500	31	16	15	32	15	18	B
B	31	16	15	32	19	14	0	27	483	2343	10430	42113	267193	259624	247969	241041	239062	31	15	16	32	14	19	B
B	31	17	14	32	20	13	0	20	363	1751	7649	26200	226492	286304	275642	269045	267188	31	14	17	32	13	20	B
B	31	18	13	32	21	12	0	15	272	1309	5645	18488	115961	311219	303996	298418	296875	31	13	18	32	12	21	B
B	31	19	12	32	22	11	0	11	203	976	4169	13298	50819	328192	332469	329055	328125	31	12	19	32	11	22	B
B	31	20	11	32	23	10	0	8	151	723	3067	9605	30772	307625	360022	360788	360938	31	11	20	32	10	23	B
B	31	21	10	32	24	9	0	6	111	530	2237	6911	21158	191120	384289	393340	395313	31	10	21	32	9	24	B
B	31	22	9	32	25	8	0	4	80	383	1608	4920	14665	77070	396585	426221	431250	31	9	22	32	8	25	B
B	31	23	8	32	26	7	0	3	57	270	1132	3438	10056	38640	354448	458508	468750	31	8	23	32	7	26	B
B	31	24	7	32	27	6	0	2	39	185	773	2336	6737	24079	192319	488214	507813	31	7	24	32	6	27	B
B	31	25	6	32	28	5	0	1	25	121	506	1522	4343	15011	68206	509265	548438	31	6	25	32	5	28	B
B	31	26	5	32	29	4	0	1	16	75	311	931	2636	8897	31056	487281	590625	31	5	26	32	4	29	B
B	31	27	4	32	30	3	0	0	9	41	172	515	1450	4810	15851	293839	634375	31	4	27	32	3	30	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	31	28	3	32	31	2	0	0	4	19	80	239	669	2189	6998	73273	679688	31	3	28	32	2	31	B
B	31	29	2	32	32	1	0	0	1	6	25	74	207	670	2095	14256	726563	31	2	29	32	1	32	B
												Δτ = 5												
C	31	0	31	32	3	29	0	3591	258	81	27	11	4	1	0	0	0	31	31	0	32	29	3	A
C	31	1	31	32	4	29	0	2049	258	81	27	11	4	1	0	0	0	31	31	1	32	29	4	A
C	31	1	30	32	4	28	0	31106	1202	354	115	45	16	4	1	0	0	31	30	1	32	28	4	A
C	31	2	30	32	5	28	0	5782	1201	354	115	45	16	4	1	0	0	31	30	2	32	28	5	A
C	31	2	29	32	5	27	0	37915	3654	982	308	119	43	11	2	0	0	31	29	2	32	27	5	A
C	31	3	29	32	6	27	0	5409	3581	982	308	119	43	11	2	0	0	31	29	3	32	27	6	A
C	31	3	28	32	6	26	0	9680	10657	2216	667	253	92	24	5	0	0	31	28	3	32	26	6	A
C	31	4	28	32	7	26	0	3018	8333	2216	667	253	92	24	5	0	0	31	28	4	32	26	7	A
C	31	4	27	32	7	25	0	3194	38223	4474	1273	475	171	44	10	1	0	31	27	4	32	25	7	A
C	31	5	27	32	8	25	0	1595	13836	4466	1273	475	171	44	10	1	0	31	27	5	32	25	8	A
C	31	5	26	32	8	24	0	1600	65369	8608	2244	819	292	76	17	1	0	31	26	5	32	24	8	A
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C	31	8	24	32	11	22	0	359	6476	19520	6077	2079	723	185	41	2	0	31	24	8	32	22	11	A
C	31	8	23	32	11	21	0	359	6527	69221	9729	3151	1077	274	60	3	0	31	23	8	32	21	11	A
C	31	9	23	32	12	21	0	241	4234	18669	9659	3151	1077	274	60	3	0	31	23	9	32	21	12	A
C	31	9	22	32	12	20	0	241	4236	31208	16347	4684	1564	394	86	5	0	31	22	9	32	20	12	A
C	31	10	22	32	13	20	0	167	2878	13758	14941	4684	1564	394	86	5	0	31	22	10	32	20	13	A
C	31	10	21	32	13	19	0	167	2878	14807	35705	6895	2232	557	122	7	0	31	21	10	32	19	13	A
C	31	11	21	32	14	19	0	118	2018	9430	20723	6892	2232	557	122	7	0	31	21	11	32	19	14	A
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C	31	12	20	32	15	18	0	85	1447	6566	22355	10116	3147	773	168	10	0	31	20	12	32	18	15	A
C	31	12	19	32	15	17	0	85	1447	6569	48101	15656	4408	1062	230	13	0	31	19	12	32	17	15	A
C	31	13	19	32	16	17	0	63	1055	4691	18363	14700	4408	1062	230	13	0	31	19	13	32	17	16	A
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C	31	14	17	32	17	15	0	46	779	3416	13452	61140	8705	1965	420	24	0	31	17	14	32	15	17	A
C	31	15	17	32	18	15	0	35	580	2521	9419	21418	8675	1965	420	24	0	31	17	15	32	15	18	A
C	31	15	16	32	18	14	0	35	580	2521	9431	46564	12748	2665	563	32	0	31	16	15	32	14	18	A
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C	31	17	15	32	20	13	0	20	326	1401	4986	13094	16195	3628	754	43	0	31	15	17	32	13	20	A
C	31	17	14	32	20	12	0	20	326	1401	4986	13332	46900	4989	1012	57	0	31	14	17	32	12	20	A
C	31	18	14	32	21	12	0	15	245	1047	3676	9325	17717	4984	1012	57	0	31	14	18	32	12	21	A
C	31	18	13	32	21	11	0	15	245	1047	3676	9338	39606	7013	1366	76	0	31	13	18	32	11	21	A
C	31	19	13	32	22	11	0	11	183	781	2713	6689	14938	6930	1366	76	0	31	13	19	32	11	22	A
C	31	19	12	32	22	10	0	11	183	781	2713	6690	18407	10935	1863	103	0	31	12	19	32	10	22	A
C	31	20	12	32	23	10	0	8	136	579	1995	4821	10778	9497	1863	103	0	31	12	20	32	10	23	A
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C	31	21	11	32	24	9	0	6	100	424	1454	3464	7482	11436	2581	140	0	31	11	21	32	9	24	A
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C	31	22	9	32	25	7	0	4	72	306	1046	2464	5168	15920	6000	272	0	31	9	22	32	7	25	A
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C	31	25	7	32	28	5	0	1	23	97	329	761	1522	3023	4964	592	0	31	7	25	32	5	28	A
C	31	25	6	32	28	4	0	1	23	97	329	761	1522	3023	7022	984	0	31	6	25	32	4	28	A
C	31	26	6	32	29	4	0	1	14	60	202	466	923	1786	3054	914	0	31	6	26	32	4	29	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	31	26	5	32	29	3	0	1	14	60	202	466	923	1786	3162	2364	0	31	5	26	32	3	29	A
C	31	27	5	32	30	3	0	0	8	33	112	258	508	964	1594	1236	0	31	5	27	32	3	30	A
C	31	27	4	32	30	2	0	0	8	33	112	258	508	964	1597	4895	0	31	4	27	32	2	30	A
C	31	28	4	32	31	2	0	0	4	15	52	119	234	438	702	977	0	31	4	28	32	2	31	A
C	31	28	3	32	31	1	0	0	4	15	52	119	234	438	702	1828	0	31	3	28	32	1	31	A
C	31	29	3	32	32	1	0	0	1	5	16	37	72	134	210	334	0	31	3	29	32	1	32	A
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B	31	2	30	32	5	27	0	5465	119	21	5	2	0	0	0	0	0	31	30	2	32	27	5	B
B	31	3	29	32	6	26	0	5508	598	78	17	5	2	0	0	0	0	31	29	3	32	26	6	B
B	31	4	28	32	7	25	0	3092	3493	230	46	14	4	1	0	0	0	31	28	4	32	25	7	B
B	31	5	27	32	8	24	0	1636	12112	618	109	32	10	2	0	0	0	31	27	5	32	24	8	B
B	31	6	26	32	9	23	0	933	15220	1845	237	67	20	5	1	0	0	31	26	6	32	23	9	B
B	31	7	25	32	10	22	0	571	11167	7331	493	131	39	9	2	0	0	31	25	7	32	22	10	B
B	31	8	24	32	11	21	0	368	7174	19276	1001	247	71	16	3	0	0	31	24	8	32	21	11	B
B	31	9	23	32	12	20	0	247	4697	22277	2143	450	125	28	6	0	0	31	23	9	32	20	12	B
B	31	10	22	32	13	19	0	171	3195	16972	6142	813	216	47	10	1	0	31	22	10	32	19	13	B
B	31	11	21	32	14	18	0	121	2241	11716	19129	1472	366	78	16	1	0	31	21	11	32	18	14	B
B	31	12	20	32	15	17	0	88	1607	8180	30504	2809	616	128	26	1	0	31	20	12	32	17	15	B
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B	31	17	15	32	20	12	0	20	363	1751	7649	25709	21965	1477	269	14	0	31	15	17	32	12	20	B
B	31	18	14	32	21	11	0	15	272	1309	5645	18461	41350	2552	439	23	0	31	14	18	32	11	21	B
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B	31	21	11	32	24	8	0	6	111	530	2237	6911	21125	38044	2256	108	0	31	11	21	32	8	24	B
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B	31	24	8	32	27	5	0	2	39	185	773	2336	6737	23984	41660	726	0	31	8	24	32	5	27	B
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B	31	26	6	32	29	3	0	1	16	75	311	931	2636	8897	29928	6097	0	31	6	26	32	3	29	B
B	31	27	5	32	30	2	0	0	9	41	172	515	1450	4810	15818	27157	0	31	5	27	32	2	30	B
B	31	28	4	32	31	1	0	0	4	19	80	239	669	2189	6998	36003	0	31	4	28	32	1	31	B
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												$\Delta\tau$ = 7												
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A	31	1	31	32	5	28	0	5	2	1	0	0	0	0	0	0	0	31	31	1	32	28	5	C
A	31	1	30	32	5	27	0	126	12	4	2	1	0	0	0	0	0	31	30	1	32	27	5	C
A	31	2	30	32	6	27	0	10	12	4	2	1	0	0	0	0	0	31	30	2	32	27	6	C
A	31	2	29	32	6	26	0	70	60	16	6	3	1	0	0	0	0	31	29	2	32	26	6	C
A	31	3	29	32	7	26	0	6	47	16	6	3	1	0	0	0	0	31	29	3	32	26	7	C
A	31	3	28	32	7	25	0	11	348	46	16	7	3	1	0	0	0	31	28	3	32	25	7	C
A	31	4	28	32	8	25	0	3	120	46	16	7	3	1	0	0	0	31	28	4	32	25	8	C
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A	31	5	27	32	9	24	0	1	173	121	38	16	6	2	0	0	0	31	27	5	32	24	9	C
A	31	5	26	32	9	23	0	1	976	369	83	33	13	4	1	0	0	31	26	5	32	23	9	C
A	31	6	26	32	10	23	0	0	137	282	83	33	13	4	1	0	0	31	26	6	32	23	10	C
A	31	6	25	32	10	22	0	0	279	1458	172	66	25	7	2	0	0	31	25	6	32	22	10	C
A	31	7	25	32	11	22	0	0	75	516	172	66	25	7	2	0	0	31	25	7	32	22	11	C
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A	31	8	24	32	12	21	0	0	38	617	348	123	46	13	3	0	0	31	24	8	32	21	12	C
A	31	8	23	32	12	20	0	0	38	2560	751	225	82	22	5	0	0	31	23	8	32	20	12	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	31	9	23	32	13	20	0	0	20	470	685	225	82	22	5	0	0	31	23	9	32	20	13	C
A	31	9	22	32	13	19	0	0	20	798	2151	407	140	38	9	1	0	31	22	9	32	19	13	C
A	31	10	22	32	14	19	0	0	11	275	1214	406	140	38	9	1	0	31	22	10	32	19	14	C
A	31	10	21	32	14	18	0	0	11	297	6462	737	238	63	14	1	0	31	21	10	32	18	14	C
A	31	11	21	32	15	18	0	0	6	153	1629	733	238	63	14	1	0	31	21	11	32	18	15	C
A	31	11	20	32	15	17	0	0	6	154	7913	1407	400	102	23	1	0	31	20	11	32	17	15	C
A	31	12	20	32	16	17	0	0	4	88	1472	1319	400	102	23	1	0	31	20	12	32	17	16	C
A	31	12	19	32	16	16	0	0	4	88	3347	3509	676	166	37	2	0	31	19	12	32	16	16	C
A	31	13	19	32	17	16	0	0	2	52	972	2217	675	166	37	2	0	31	19	13	32	16	17	C
A	31	13	18	32	17	15	0	0	2	52	1161	10301	1157	268	59	4	0	31	18	13	32	15	17	C
A	31	14	18	32	18	15	0	0	1	32	569	2954	1153	268	59	4	0	31	18	14	32	15	18	C
A	31	14	17	32	18	14	0	0	1	32	578	13960	2084	433	95	6	0	31	17	14	32	14	18	C
A	31	15	17	32	19	14	0	0	1	20	333	2726	1992	433	95	6	0	31	17	15	32	14	19	C
A	31	15	16	32	19	13	0	0	1	20	334	6388	4759	709	151	9	0	31	16	15	32	13	19	C
A	31	16	16	32	20	13	0	0	1	12	200	1837	3293	709	151	9	0	31	16	16	32	13	20	C
A	31	16	15	32	20	12	0	0	1	12	200	2234	13985	1182	242	14	0	31	15	16	32	12	20	C
A	31	17	15	32	21	12	0	0	0	8	123	1081	4436	1181	242	14	0	31	15	17	32	12	21	C
A	31	17	14	32	21	11	0	0	0	8	123	1102	21213	2044	395	23	0	31	14	17	32	11	21	C
A	31	18	14	32	22	11	0	0	0	5	76	628	4157	2019	395	23	0	31	14	18	32	11	22	C
A	31	18	13	32	22	10	0	0	0	5	76	629	10259	4013	657	37	0	31	13	18	32	10	22	C
A	31	19	13	32	23	10	0	0	0	3	47	370	2783	3467	657	37	0	31	13	19	32	10	23	C
A	31	19	12	32	23	9	0	0	0	3	47	370	3460	11350	1127	62	0	31	12	19	32	9	23	C
A	31	20	12	32	24	9	0	0	0	2	29	219	1585	5286	1126	62	0	31	12	20	32	9	24	C
A	31	20	11	32	24	8	0	0	0	2	29	219	1619	27630	2032	106	0	31	11	20	32	8	24	C
A	31	21	11	32	25	8	0	0	0	1	17	128	873	5778	2005	106	0	31	11	21	32	8	25	C
A	31	21	10	32	25	7	0	0	0	1	17	128	875	20807	4301	188	0	31	10	21	32	7	25	C
A	31	22	10	32	26	7	0	0	0	1	10	74	478	4130	3607	188	0	31	10	22	32	7	26	C
A	31	22	9	32	26	6	0	0	0	1	10	74	478	6458	13696	352	0	31	9	22	32	6	26	C
A	31	23	9	32	27	6	0	0	0	0	6	41	257	2213	5573	352	0	31	9	23	32	6	27	C
A	31	23	8	32	27	5	0	0	0	0	6	41	257	2340	33066	708	0	31	8	23	32	5	27	C
A	31	24	8	32	28	5	0	0	0	0	3	22	132	1057	5608	705	0	31	8	24	32	5	28	C
A	31	24	7	32	28	4	0	0	0	0	3	22	132	1062	19622	1636	0	31	7	24	32	4	28	C
A	31	25	7	32	29	4	0	0	0	0	2	11	63	474	3291	1517	0	31	7	25	32	4	29	C
A	31	25	6	32	29	3	0	0	0	0	2	11	63	474	4750	5945	0	31	6	25	32	3	29	C
A	31	26	6	32	30	3	0	0	0	0	1	5	27	192	1314	3005	0	31	6	26	32	3	30	C
A	31	26	5	32	30	2	0	0	0	0	1	5	27	192	1362	25287	0	31	5	26	32	2	30	C
A	31	27	5	32	31	2	0	0	0	0	0	2	9	64	404	3374	0	31	5	27	32	2	31	C
A	31	27	4	32	31	1	0	0	0	0	0	2	9	64	405	21108	0	31	4	27	32	1	31	C
A	31	28	4	32	32	1	0	0	0	0	0	0	2	13	80	1200	0	31	4	28	32	1	32	C
A	31	28	3	32	32	0	0	0	0	0	0	0	2	13	80	2339	0	31	3	28	32	0	32	C
												Δτ = 8												
B	31	0	31	32	5	28	0	195	18	4	1	0	0	0	0	0	0	31	31	0	32	28	5	B
B	31	1	30	32	6	27	0	367	117	21	5	2	0	0	0	0	0	31	30	1	32	27	6	B
B	31	2	29	32	7	26	0	128	466	78	17	5	2	0	0	0	0	31	29	2	32	26	7	B
B	31	3	28	32	8	25	0	15	1196	230	46	14	4	1	0	0	0	31	28	3	32	25	8	B
B	31	4	27	32	9	24	0	3	1616	602	109	32	10	2	0	0	0	31	27	4	32	24	9	B
B	31	5	26	32	10	23	0	1	868	1407	237	67	20	5	1	0	0	31	26	5	32	23	10	B
B	31	6	25	32	11	22	0	0	186	2545	492	131	39	9	2	0	0	31	25	6	32	22	11	B
B	31	7	24	32	12	21	0	0	44	2766	994	247	71	16	3	0	0	31	24	7	32	21	12	B
B	31	8	23	32	13	20	0	0	16	1331	1954	450	125	28	6	0	0	31	23	8	32	20	13	B
B	31	9	22	32	14	19	0	0	7	321	3440	812	216	47	10	1	0	31	22	9	32	19	14	B
B	31	10	21	32	15	18	0	0	3	96	4400	1464	366	78	16	1	0	31	21	10	32	18	15	B
B	31	11	20	32	16	17	0	0	2	41	3041	2632	616	128	26	1	0	31	20	11	32	17	16	B
B	31	12	19	32	17	16	0	0	1	20	955	4396	1039	207	41	2	0	31	19	12	32	16	17	B
B	31	13	18	32	18	15	0	0	0	10	266	5603	1772	334	66	4	0	31	18	13	32	15	18	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	31	14	17	32	19	14	0	0	0	5	109	4040	3058	542	105	6	0	31	17	14	32	14	19	B
B	31	15	16	32	20	13	0	0	0	3	52	1337	5025	886	168	9	0	31	16	15	32	13	20	B
B	31	16	15	32	21	12	0	0	0	1	26	372	6510	1475	269	14	0	31	15	16	32	12	21	B
B	31	17	14	32	22	11	0	0	0	1	13	149	4867	2520	439	23	0	31	14	17	32	11	22	B
B	31	18	13	32	23	10	0	0	0	0	7	70	1629	4316	730	38	0	31	13	18	32	10	23	B
B	31	19	12	32	24	9	0	0	0	0	4	34	425	6476	1250	63	0	31	12	19	32	9	24	B
B	31	20	11	32	25	8	0	0	0	0	2	16	157	6327	2225	108	0	31	11	20	32	8	25	B
B	31	21	10	32	26	7	0	0	0	0	1	8	67	2730	3994	193	0	31	10	21	32	7	26	B
B	31	22	9	32	27	6	0	0	0	0	0	4	29	602	6065	361	0	31	9	22	32	6	27	B
B	31	23	8	32	28	5	0	0	0	0	0	2	12	160	5319	723	0	31	8	23	32	5	28	B
B	31	24	7	32	29	4	0	0	0	0	0	1	5	52	1683	1555	0	31	7	24	32	4	29	B
B	31	25	6	32	30	3	0	0	0	0	0	0	2	16	255	3067	0	31	6	25	32	3	30	B
B	31	26	5	32	31	2	0	0	0	0	0	0	0	4	43	3253	0	31	5	26	32	2	31	B
B	31	27	4	32	32	1	0	0	0	0	0	0	0	1	6	729	0	31	4	27	32	1	32	B
												Δτ = 9												
C	31	0	31	32	5	27	0	175	1	0	0	0	0	0	0	0	0	31	31	0	32	27	5	A
C	31	1	31	32	6	27	0	13	1	0	0	0	0	0	0	0	0	31	31	1	32	27	6	A
C	31	1	30	32	6	26	0	355	16	1	0	0	0	0	0	0	0	31	30	1	32	26	6	A
C	31	2	30	32	7	26	0	18	12	1	0	0	0	0	0	0	0	31	30	2	32	26	7	A
C	31	2	29	32	7	25	0	125	159	5	0	0	0	0	0	0	0	31	29	2	32	25	7	A
C	31	3	29	32	8	25	0	8	55	5	0	0	0	0	0	0	0	31	29	3	32	25	8	A
C	31	3	28	32	8	24	0	15	856	20	2	0	0	0	0	0	0	31	28	3	32	24	8	A
C	31	4	28	32	9	24	0	2	122	20	2	0	0	0	0	0	0	31	28	4	32	24	9	A
C	31	4	27	32	9	23	0	3	1414	85	5	1	0	0	0	0	0	31	27	4	32	23	9	A
C	31	5	27	32	10	23	0	1	135	65	5	1	0	0	0	0	0	31	27	5	32	23	10	A
C	31	5	26	32	10	22	0	1	780	465	13	2	0	0	0	0	0	31	26	5	32	22	10	A
C	31	6	26	32	11	22	0	0	82	163	13	2	0	0	0	0	0	31	26	6	32	22	11	A
C	31	6	25	32	11	21	0	0	167	1636	34	4	0	0	0	0	0	31	25	6	32	21	11	A
C	31	7	25	32	12	21	0	0	35	263	34	4	0	0	0	0	0	31	25	7	32	21	12	A
C	31	7	24	32	12	20	0	0	40	2148	94	9	1	0	0	0	0	31	24	7	32	20	12	A
C	31	8	24	32	13	20	0	0	14	250	85	9	1	0	0	0	0	31	24	8	32	20	13	A
C	31	8	23	32	13	19	0	0	15	1062	343	20	2	0	0	0	0	31	23	8	32	19	13	A
C	31	9	23	32	14	19	0	0	6	151	193	20	2	0	0	0	0	31	23	9	32	19	14	A
C	31	9	22	32	14	18	0	0	6	257	1372	44	4	0	0	0	0	31	22	9	32	18	14	A
C	31	10	22	32	15	18	0	0	3	72	332	43	4	0	0	0	0	31	22	10	32	18	15	A
C	31	10	21	32	15	17	0	0	3	77	2608	102	9	1	0	0	0	31	21	10	32	17	15	A
C	31	11	21	32	16	17	0	0	1	33	374	96	9	1	0	0	0	31	21	11	32	17	16	A
C	31	11	20	32	16	16	0	0	1	33	1957	318	18	1	0	0	0	31	20	11	32	16	16	A
C	31	12	20	32	17	16	0	0	1	16	271	200	18	1	0	0	0	31	20	12	32	16	17	A
C	31	12	19	32	17	15	0	0	1	16	621	1212	37	2	0	0	0	31	19	12	32	15	17	A
C	31	13	19	32	18	15	0	0	0	8	145	335	37	2	0	0	0	31	19	13	32	15	18	A
C	31	13	18	32	18	14	0	0	0	8	173	2474	81	4	0	0	0	31	18	13	32	14	18	A
C	31	14	18	32	19	14	0	0	0	4	70	381	77	4	0	0	0	31	18	14	32	14	19	A
C	31	14	17	32	19	13	0	0	0	4	71	1991	228	7	0	0	0	31	17	14	32	13	19	A
C	31	15	17	32	20	13	0	0	0	2	34	282	157	7	0	0	0	31	17	15	32	13	20	A
C	31	15	16	32	20	12	0	0	0	2	34	668	861	14	1	0	0	31	16	15	32	12	20	A
C	31	16	16	32	21	12	0	0	0	1	17	153	265	14	1	0	0	31	16	16	32	12	21	A
C	31	16	15	32	21	11	0	0	0	1	17	186	1938	30	1	0	0	31	15	16	32	11	21	A
C	31	17	15	32	22	11	0	0	0	1	9	73	306	30	1	0	0	31	15	17	32	11	22	A
C	31	17	14	32	22	10	0	0	0	1	9	75	1670	74	2	0	0	31	14	17	32	10	22	A
C	31	18	14	32	23	10	0	0	0	0	4	35	227	64	2	0	0	31	14	18	32	10	23	A
C	31	18	13	32	23	9	0	0	0	0	4	35	570	265	5	0	0	31	13	18	32	9	23	A
C	31	19	13	32	24	9	0	0	0	0	2	17	120	122	5	0	0	31	13	19	32	9	24	A
C	31	19	12	32	24	8	0	0	0	0	2	17	149	896	11	0	0	31	12	19	32	8	24	A
C	31	20	12	32	25	8	0	0	0	0	1	8	54	170	11	0	0	31	12	20	32	8	25	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 31 20 11 32 25 7	0	0	0	0	1	8	55	1197	29	0	0	31 11 20 32 7 25 A
C 31 21 11 32 26 7	0	0	0	0	1	4	24	144	25	0	0	31 11 21 32 7 26 A
C 31 21 10 32 26 6	0	0	0	0	1	4	24	544	123	0	0	31 10 21 32 6 26 A
C 31 22 10 32 27 6	0	0	0	0	0	2	10	77	50	0	0	31 10 22 32 6 27 A
C 31 22 9 32 27 5	0	0	0	0	0	2	10	120	440	0	0	31 9 22 32 5 27 A
C 31 23 9 32 28 5	0	0	0	0	0	1	4	30	66	0	0	31 9 23 32 5 28 A
C 31 23 8 32 28 4	0	0	0	0	0	1	4	32	511	1	0	31 8 23 32 4 28 A
C 31 24 8 32 29 4	0	0	0	0	0	0	2	10	46	1	0	31 8 24 32 4 29 A
C 31 24 7 32 29 3	0	0	0	0	0	0	2	10	168	7	0	31 7 24 32 3 29 A
C 31 25 7 32 30 3	0	0	0	0	0	0	1	3	18	3	0	31 7 25 32 3 30 A
C 31 25 6 32 30 2	0	0	0	0	0	0	1	3	25	43	0	31 6 25 32 2 30 A
C 31 26 6 32 31 2	0	0	0	0	0	0	0	1	4	5	0	31 6 26 32 2 31 A
C 31 26 5 32 31 1	0	0	0	0	0	0	0	1	4	76	0	31 5 26 32 1 31 A
C 31 27 5 32 32 1	0	0	0	0	0	0	0	0	1	3	0	31 5 27 32 1 32 A
C 31 27 4 32 32 0	0	0	0	0	0	0	0	0	1	18	0	31 4 27 32 0 32 A
						Δτ = 10						
B 31 1 31 32 6 26	0	13	0	0	0	0	0	0	0	0	0	31 31 1 32 26 6 B
B 31 2 30 32 7 25	0	18	5	0	0	0	0	0	0	0	0	31 30 2 32 25 7 B
B 31 3 29 32 8 24	0	8	48	1	0	0	0	0	0	0	0	31 29 3 32 24 8 B
B 31 4 28 32 9 23	0	2	132	4	0	0	0	0	0	0	0	31 28 4 32 23 9 B
B 31 5 27 32 10 22	0	1	150	34	1	0	0	0	0	0	0	31 27 5 32 22 10 B
B 31 6 26 32 11 21	0	0	91	164	2	0	0	0	0	0	0	31 26 6 32 21 11 B
B 31 7 25 32 12 20	0	0	39	318	8	1	0	0	0	0	0	31 25 7 32 20 12 B
B 31 8 24 32 13 19	0	0	16	311	36	2	0	0	0	0	0	31 24 8 32 19 13 B
B 31 9 23 32 14 18	0	0	7	189	182	4	0	0	0	0	0	31 23 9 32 18 14 B
B 31 10 22 32 15 17	0	0	3	90	465	12	1	0	0	0	0	31 22 10 32 17 15 B
B 31 11 21 32 16 16	0	0	2	41	568	46	2	0	0	0	0	31 21 11 32 16 16 B
B 31 12 20 32 17 15	0	0	1	20	416	221	5	0	0	0	0	31 20 12 32 15 17 B
B 31 13 19 32 18 14	0	0	0	10	223	590	14	1	0	0	0	31 19 13 32 14 18 B
B 31 14 18 32 19 13	0	0	0	5	107	748	47	1	0	0	0	31 18 14 32 13 19 B
B 31 15 17 32 20 12	0	0	0	3	52	563	219	3	0	0	0	31 17 15 32 12 20 B
B 31 16 16 32 21 11	0	0	0	1	26	305	641	7	0	0	0	31 16 16 32 11 21 B
B 31 17 15 32 22 10	0	0	0	1	13	146	854	22	1	0	0	31 15 17 32 10 22 B
B 31 18 14 32 23 9	0	0	0	0	7	70	648	97	2	0	0	31 14 18 32 9 23 B
B 31 19 13 32 24 8	0	0	0	0	4	34	342	421	4	0	0	31 13 19 32 8 24 B
B 31 20 12 32 25 7	0	0	0	0	2	16	154	798	14	0	0	31 12 20 32 7 25 B
B 31 21 11 32 26 6	0	0	0	0	1	8	67	717	76	0	0	31 11 21 32 6 26 B
B 31 22 10 32 27 5	0	0	0	0	0	4	29	383	358	0	0	31 10 22 32 5 27 B
B 31 23 9 32 28 4	0	0	0	0	0	2	12	151	629	1	0	31 9 23 32 4 28 B
B 31 24 8 32 29 3	0	0	0	0	0	1	5	52	463	8	0	31 8 24 32 3 29 B
B 31 25 7 32 30 2	0	0	0	0	0	0	2	16	176	74	0	31 7 25 32 2 30 B
B 31 26 6 32 31 1	0	0	0	0	0	0	0	4	41	204	0	31 6 26 32 1 31 B
B 31 27 5 32 32 0	0	0	0	0	0	0	0	1	6	110	0	31 5 27 32 0 32 B
						Δτ = 11						
A 31 1 30 32 7 25	0	0	1	0	0	0	0	0	0	0	0	31 30 1 32 25 7 C
A 31 2 29 32 8 24	0	0	5	0	0	0	0	0	0	0	0	31 29 2 32 24 8 C
A 31 3 29 32 9 24	0	0	1	0	0	0	0	0	0	0	0	31 29 3 32 24 9 C
A 31 3 28 32 9 23	0	0	13	1	0	0	0	0	0	0	0	31 28 3 32 23 9 C
A 31 4 28 32 10 23	0	0	1	1	0	0	0	0	0	0	0	31 28 4 32 23 10 C
A 31 4 27 32 10 22	0	0	14	7	0	0	0	0	0	0	0	31 27 4 32 22 10 C
A 31 5 27 32 11 22	0	0	1	2	0	0	0	0	0	0	0	31 27 5 32 22 11 C
A 31 5 26 32 11 21	0	0	6	33	1	0	0	0	0	0	0	31 26 5 32 21 11 C
A 31 6 26 32 12 21	0	0	0	5	1	0	0	0	0	0	0	31 26 6 32 21 12 C
A 31 6 25 32 12 20	0	0	1	63	3	0	0	0	0	0	0	31 25 6 32 20 12 C
A 31 7 25 32 13 20	0	0	0	7	2	0	0	0	0	0	0	31 25 7 32 20 13 C

											κ												
	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}
A	31	7	24	32	13	19	0	0	0	56	12	1	0	0	0	0	0	31	24	7	32	19	13 C
A	31	8	24	32	14	19	0	0	0	5	7	1	0	0	0	0	0	31	24	8	32	19	14 C
A	31	8	23	32	14	18	0	0	0	21	64	2	0	0	0	0	0	31	23	8	32	18	14 C
A	31	9	23	32	15	18	0	0	0	2	15	2	0	0	0	0	0	31	23	9	32	18	15 C
A	31	9	22	32	15	17	0	0	0	4	162	6	1	0	0	0	0	31	22	9	32	17	15 C
A	31	10	22	32	16	17	0	0	0	1	22	6	1	0	0	0	0	31	22	10	32	17	16 C
A	31	10	21	32	16	16	0	0	0	1	188	23	1	0	0	0	0	31	21	10	32	16	16 C
A	31	11	21	32	17	16	0	0	0	0	20	15	1	0	0	0	0	31	21	11	32	16	17 C
A	31	11	20	32	17	15	0	0	0	0	106	110	3	0	0	0	0	31	20	11	32	15	17 C
A	31	12	20	32	18	15	0	0	0	0	12	30	3	0	0	0	0	31	20	12	32	15	18 C
A	31	12	19	32	18	14	0	0	0	0	27	293	9	0	0	0	0	31	19	12	32	14	18 C
A	31	13	19	32	19	14	0	0	0	0	5	43	8	0	0	0	0	31	19	13	32	14	19 C
A	31	13	18	32	19	13	0	0	0	0	6	356	30	1	0	0	0	31	18	13	32	13	19 C
A	31	14	18	32	20	13	0	0	0	0	2	39	21	1	0	0	0	31	18	14	32	13	20 C
A	31	14	17	32	20	12	0	0	0	0	2	209	142	2	0	0	0	31	17	14	32	12	20 C
A	31	15	17	32	21	12	0	0	0	0	1	23	44	2	0	0	0	31	17	15	32	12	21 C
A	31	15	16	32	21	11	0	0	0	0	1	56	415	6	0	0	0	31	16	15	32	11	21 C
A	31	16	16	32	22	11	0	0	0	0	0	10	63	6	0	0	0	31	16	16	32	11	22 C
A	31	16	15	32	22	10	0	0	0	0	0	13	532	18	1	0	0	31	15	16	32	10	22 C
A	31	17	15	32	23	10	0	0	0	0	0	4	58	15	1	0	0	31	15	17	32	10	23 C
A	31	17	14	32	23	9	0	0	0	0	0	4	322	78	1	0	0	31	14	17	32	9	23 C
A	31	18	14	32	24	9	0	0	0	0	0	2	34	36	1	0	0	31	14	18	32	9	24 C
A	31	18	13	32	24	8	0	0	0	0	0	2	85	336	4	0	0	31	13	18	32	8	24 C
A	31	19	13	32	25	8	0	0	0	0	0	1	14	63	4	0	0	31	13	19	32	8	25 C
A	31	19	12	32	25	7	0	0	0	0	0	1	17	628	13	0	0	31	12	19	32	7	25 C
A	31	20	12	32	26	7	0	0	0	0	0	0	5	68	11	0	0	31	12	20	32	7	26 C
A	31	20	11	32	26	6	0	0	0	0	0	0	5	505	68	0	0	31	11	20	32	6	26 C
A	31	21	11	32	27	6	0	0	0	0	0	0	2	43	27	0	0	31	11	21	32	6	27 C
A	31	21	10	32	27	5	0	0	0	0	0	0	2	163	322	0	0	31	10	21	32	5	27 C
A	31	22	10	32	28	5	0	0	0	0	0	0	1	17	47	0	0	31	10	22	32	5	28 C
A	31	22	9	32	28	4	0	0	0	0	0	0	1	26	557	1	0	31	9	22	32	4	28 C
A	31	23	9	32	29	4	0	0	0	0	0	0	0	5	44	1	0	31	9	23	32	4	29 C
A	31	23	8	32	29	3	0	0	0	0	0	0	0	5	357	8	0	31	8	23	32	3	29 C
A	31	24	8	32	30	3	0	0	0	0	0	0	0	1	20	4	0	31	8	24	32	3	30 C
A	31	24	7	32	30	2	0	0	0	0	0	0	0	1	73	72	0	31	7	24	32	2	30 C
A	31	25	7	32	31	2	0	0	0	0	0	0	0	0	4	9	0	31	7	25	32	2	31 C
A	31	25	6	32	31	1	0	0	0	0	0	0	0	0	6	198	0	31	6	25	32	1	31 C
A	31	26	6	32	32	1	0	0	0	0	0	0	0	0	0	7	0	31	6	26	32	1	32 C
A	31	26	5	32	32	0	0	0	0	0	0	0	0	0	0	101	0	31	5	26	32	0	32 C
												Δτ = 12											
B	31	0	31	32	7	26	0	1	0	0	0	0	0	0	0	0	0	31	31	0	32	26	7 B
B	31	1	30	32	8	25	0	1	2	0	0	0	0	0	0	0	0	31	30	1	32	25	8 B
B	31	2	29	32	9	24	0	0	7	1	0	0	0	0	0	0	0	31	29	2	32	24	9 B
B	31	3	28	32	10	23	0	0	12	3	0	0	0	0	0	0	0	31	28	3	32	23	10 B
B	31	4	27	32	11	22	0	0	9	12	1	0	0	0	0	0	0	31	27	4	32	22	11 B
B	31	5	26	32	12	21	0	0	3	26	2	0	0	0	0	0	0	31	26	5	32	21	12 B
B	31	6	25	32	13	20	0	0	0	33	7	1	0	0	0	0	0	31	25	6	32	20	13 B
B	31	7	24	32	14	19	0	0	0	23	20	2	0	0	0	0	0	31	24	7	32	19	14 B
B	31	8	23	32	15	18	0	0	0	7	44	4	0	0	0	0	0	31	23	8	32	18	15 B
B	31	9	22	32	16	17	0	0	0	1	63	11	1	0	0	0	0	31	22	9	32	17	16 B
B	31	10	21	32	17	16	0	0	0	0	54	29	2	0	0	0	0	31	21	10	32	16	17 B
B	31	11	20	32	18	15	0	0	0	0	24	61	5	0	0	0	0	31	20	11	32	15	18 B
B	31	12	19	32	19	14	0	0	0	0	5	86	13	1	0	0	0	31	19	12	32	14	19 B
B	31	13	18	32	20	13	0	0	0	0	1	75	32	1	0	0	0	31	18	13	32	13	20 B
B	31	14	17	32	21	12	0	0	0	0	0	35	67	3	0	0	0	31	17	14	32	12	21 B

												κ												
	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	31	15	16	32	22	11	0	0	0	0	0	8	97	7	0	0	0	31	16	15	32	11	22	B
B	31	16	15	32	23	10	0	0	0	0	0	1	85	19	1	0	0	31	15	16	32	10	23	B
B	31	17	14	32	24	9	0	0	0	0	0	0	40	45	2	0	0	31	14	17	32	9	24	B
B	31	18	13	32	25	8	0	0	0	0	0	0	8	78	4	0	0	31	13	18	32	8	25	B
B	31	19	12	32	26	7	0	0	0	0	0	0	1	84	12	0	0	31	12	19	32	7	26	B
B	31	20	11	32	27	6	0	0	0	0	0	0	0	47	31	0	0	31	11	20	32	6	27	B
B	31	21	10	32	28	5	0	0	0	0	0	0	0	11	53	0	0	31	10	21	32	5	28	B
B	31	22	9	32	29	4	0	0	0	0	0	0	0	1	48	1	0	31	9	22	32	4	29	B
B	31	23	8	32	30	3	0	0	0	0	0	0	0	0	19	4	0	31	8	23	32	3	30	B
B	31	24	7	32	31	2	0	0	0	0	0	0	0	0	2	9	0	31	7	24	32	2	31	B
B	31	25	6	32	32	1	0	0	0	0	0	0	0	0	0	7	0	31	6	25	32	1	32	B
												$\Delta\tau$ = 13												
C	31	0	31	32	7	25	0	1	0	0	0	0	0	0	0	0	0	31	31	0	32	25	7	A
C	31	1	30	32	8	24	0	1	1	0	0	0	0	0	0	0	0	31	30	1	32	24	8	A
C	31	2	29	32	9	23	0	0	6	0	0	0	0	0	0	0	0	31	29	2	32	23	9	A
C	31	3	29	32	10	23	0	0	1	0	0	0	0	0	0	0	0	31	29	3	32	23	10	A
C	31	3	28	32	10	22	0	0	11	1	0	0	0	0	0	0	0	31	28	3	32	22	10	A
C	31	4	28	32	11	22	0	0	1	0	0	0	0	0	0	0	0	31	28	4	32	22	11	A
C	31	4	27	32	11	21	0	0	8	8	0	0	0	0	0	0	0	31	27	4	32	21	11	A
C	31	5	27	32	12	21	0	0	0	1	0	0	0	0	0	0	0	31	27	5	32	21	12	A
C	31	5	26	32	12	20	0	0	3	20	0	0	0	0	0	0	0	31	26	5	32	20	12	A
C	31	6	26	32	13	20	0	0	0	2	0	0	0	0	0	0	0	31	26	6	32	20	13	A
C	31	6	25	32	13	19	0	0	0	26	1	0	0	0	0	0	0	31	25	6	32	19	13	A
C	31	7	25	32	14	19	0	0	0	2	1	0	0	0	0	0	0	31	25	7	32	19	14	A
C	31	7	24	32	14	18	0	0	0	18	8	0	0	0	0	0	0	31	24	7	32	18	14	A
C	31	8	24	32	15	18	0	0	0	1	2	0	0	0	0	0	0	31	24	8	32	18	15	A
C	31	8	23	32	15	17	0	0	0	6	26	0	0	0	0	0	0	31	23	8	32	17	15	A
C	31	9	23	32	16	17	0	0	0	1	4	0	0	0	0	0	0	31	23	9	32	17	16	A
C	31	9	22	32	16	16	0	0	0	1	40	1	0	0	0	0	0	31	22	9	32	16	16	A
C	31	10	22	32	17	16	0	0	0	0	4	1	0	0	0	0	0	31	22	10	32	16	17	A
C	31	10	21	32	17	15	0	0	0	0	35	8	0	0	0	0	0	31	21	10	32	15	17	A
C	31	11	21	32	18	15	0	0	0	0	3	2	0	0	0	0	0	31	21	11	32	15	18	A
C	31	11	20	32	18	14	0	0	0	0	16	27	0	0	0	0	0	31	20	11	32	14	18	A
C	31	12	20	32	19	14	0	0	0	0	1	4	0	0	0	0	0	31	20	12	32	14	19	A
C	31	12	19	32	19	13	0	0	0	0	3	42	1	0	0	0	0	31	19	12	32	13	19	A
C	31	13	19	32	20	13	0	0	0	0	1	4	1	0	0	0	0	31	19	13	32	13	20	A
C	31	13	18	32	20	12	0	0	0	0	1	37	6	0	0	0	0	31	18	13	32	12	20	A
C	31	14	18	32	21	12	0	0	0	0	0	3	2	0	0	0	0	31	18	14	32	12	21	A
C	31	14	17	32	21	11	0	0	0	0	0	17	20	0	0	0	0	31	17	14	32	11	21	A
C	31	15	17	32	22	11	0	0	0	0	0	2	3	0	0	0	0	31	17	15	32	11	22	A
C	31	15	16	32	22	10	0	0	0	0	0	4	33	0	0	0	0	31	16	15	32	10	22	A
C	31	16	16	32	23	10	0	0	0	0	0	1	3	0	0	0	0	31	16	16	32	10	23	A
C	31	16	15	32	23	9	0	0	0	0	0	1	30	1	0	0	0	31	15	16	32	9	23	A
C	31	17	15	32	24	9	0	0	0	0	0	0	2	1	0	0	0	31	15	17	32	9	24	A
C	31	17	14	32	24	8	0	0	0	0	0	0	14	6	0	0	0	31	14	17	32	8	24	A
C	31	18	14	32	25	8	0	0	0	0	0	0	1	1	0	0	0	31	14	18	32	8	25	A
C	31	18	13	32	25	7	0	0	0	0	0	0	3	15	0	0	0	31	13	18	32	7	25	A
C	31	19	13	32	26	7	0	0	0	0	0	0	0	2	0	0	0	31	13	19	32	7	26	A
C	31	19	12	32	26	6	0	0	0	0	0	0	0	17	0	0	0	31	12	19	32	6	26	A
C	31	20	12	32	27	6	0	0	0	0	0	0	0	1	0	0	0	31	12	20	32	6	27	A
C	31	20	11	32	27	5	0	0	0	0	0	0	0	9	2	0	0	31	11	20	32	5	27	A
C	31	21	11	32	28	5	0	0	0	0	0	0	0	1	0	0	0	31	11	21	32	5	28	A
C	31	21	10	32	28	4	0	0	0	0	0	0	0	2	5	0	0	31	10	21	32	4	28	A
C	31	22	9	32	29	3	0	0	0	0	0	0	0	0	5	0	0	31	9	22	32	3	29	A
C	31	23	8	32	30	2	0	0	0	0	0	0	0	0	2	0	0	31	8	23	32	2	30	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
												Δτ = 14												
B	31	3	29	32	10	22	0	0	1	0	0	0	0	0	0	0	0	31	29	3	32	22	10	B
B	31	4	28	32	11	21	0	0	1	0	0	0	0	0	0	0	0	31	28	4	32	21	11	B
B	31	5	27	32	12	20	0	0	1	1	0	0	0	0	0	0	0	31	27	5	32	20	12	B
B	31	6	26	32	13	19	0	0	0	3	0	0	0	0	0	0	0	31	26	6	32	19	13	B
B	31	7	25	32	14	18	0	0	0	3	1	0	0	0	0	0	0	31	25	7	32	18	14	B
B	31	8	24	32	15	17	0	0	0	2	3	0	0	0	0	0	0	31	24	8	32	17	15	B
B	31	9	23	32	16	16	0	0	0	1	5	0	0	0	0	0	0	31	23	9	32	16	16	B
B	31	10	22	32	17	15	0	0	0	0	6	1	0	0	0	0	0	31	22	10	32	15	17	B
B	31	11	21	32	18	14	0	0	0	0	5	4	0	0	0	0	0	31	21	11	32	14	18	B
B	31	12	20	32	19	13	0	0	0	0	2	8	0	0	0	0	0	31	20	12	32	13	19	B
B	31	13	19	32	20	12	0	0	0	0	1	9	1	0	0	0	0	31	19	13	32	12	20	B
B	31	14	18	32	21	11	0	0	0	0	0	7	4	0	0	0	0	31	18	14	32	11	21	B
B	31	15	17	32	22	10	0	0	0	0	0	3	8	0	0	0	0	31	17	15	32	10	22	B
B	31	16	16	32	23	9	0	0	0	0	0	1	10	0	0	0	0	31	16	16	32	9	23	B
B	31	17	15	32	24	8	0	0	0	0	0	0	7	2	0	0	0	31	15	17	32	8	24	B
B	31	18	14	32	25	7	0	0	0	0	0	0	3	5	0	0	0	31	14	18	32	7	25	B
B	31	19	13	32	26	6	0	0	0	0	0	0	1	8	0	0	0	31	13	19	32	6	26	B
B	31	20	12	32	27	5	0	0	0	0	0	0	0	6	1	0	0	31	12	20	32	5	27	B
B	31	21	11	32	28	4	0	0	0	0	0	0	0	3	3	0	0	31	11	21	32	4	28	B
B	31	22	10	32	29	3	0	0	0	0	0	0	0	1	4	0	0	31	10	22	32	3	29	B
B	31	23	9	32	30	2	0	0	0	0	0	0	0	0	2	0	0	31	9	23	32	2	30	B
B	31	24	8	32	31	1	0	0	0	0	0	0	0	0	1	0	0	31	8	24	32	1	31	B
												Δτ = 15												
A	31	5	26	32	13	19	0	0	0	1	0	0	0	0	0	0	0	31	26	5	32	19	13	C
A	31	6	25	32	14	18	0	0	0	1	0	0	0	0	0	0	0	31	25	6	32	18	14	C
A	31	7	24	32	15	17	0	0	0	0	1	0	0	0	0	0	0	31	24	7	32	17	15	C
A	31	8	23	32	16	16	0	0	0	0	2	0	0	0	0	0	0	31	23	8	32	16	16	C
A	31	9	22	32	17	15	0	0	0	0	2	0	0	0	0	0	0	31	22	9	32	15	17	C
A	31	10	21	32	18	14	0	0	0	0	2	2	0	0	0	0	0	31	21	10	32	14	18	C
A	31	11	20	32	19	13	0	0	0	0	1	4	0	0	0	0	0	31	20	11	32	13	19	C
A	31	12	19	32	20	12	0	0	0	0	0	4	1	0	0	0	0	31	19	12	32	12	20	C
A	31	13	18	32	21	11	0	0	0	0	0	3	3	0	0	0	0	31	18	13	32	11	21	C
A	31	14	17	32	22	10	0	0	0	0	0	1	5	0	0	0	0	31	17	14	32	10	22	C
A	31	15	17	32	23	10	0	0	0	0	0	0	1	0	0	0	0	31	17	15	32	10	23	C
A	31	15	16	32	23	9	0	0	0	0	0	0	6	0	0	0	0	31	16	15	32	9	23	C
A	31	16	16	32	24	9	0	0	0	0	0	0	1	0	0	0	0	31	16	16	32	9	24	C
A	31	16	15	32	24	8	0	0	0	0	0	0	4	1	0	0	0	31	15	16	32	8	24	C
A	31	17	14	32	25	7	0	0	0	0	0	0	2	4	0	0	0	31	14	17	32	7	25	C
A	31	18	13	32	26	6	0	0	0	0	0	0	0	6	0	0	0	31	13	18	32	6	26	C
A	31	19	12	32	27	5	0	0	0	0	0	0	0	5	1	0	0	31	12	19	32	5	27	C
A	31	20	11	32	28	4	0	0	0	0	0	0	0	2	3	0	0	31	11	20	32	4	28	C
A	31	21	10	32	29	3	0	0	0	0	0	0	0	0	4	0	0	31	10	21	32	3	29	C
A	31	22	9	32	30	2	0	0	0	0	0	0	0	0	2	0	0	31	9	22	32	2	30	C
												Δτ = 16												
B	31	8	23	32	17	16	0	0	0	0	1	0	0	0	0	0	0	31	23	8	32	16	17	B
B	31	9	22	32	18	15	0	0	0	0	1	0	0	0	0	0	0	31	22	9	32	15	18	B
B	31	10	21	32	19	14	0	0	0	0	0	1	0	0	0	0	0	31	21	10	32	14	19	B
B	31	11	20	32	20	13	0	0	0	0	0	1	0	0	0	0	0	31	20	11	32	13	20	B
B	31	12	19	32	21	12	0	0	0	0	0	1	0	0	0	0	0	31	19	12	32	12	21	B
B	31	13	18	32	22	11	0	0	0	0	0	0	1	0	0	0	0	31	18	13	32	11	22	B
B	31	14	17	32	23	10	0	0	0	0	0	0	1	0	0	0	0	31	17	14	32	10	23	B
B	31	15	16	32	24	9	0	0	0	0	0	0	1	0	0	0	0	31	16	15	32	9	24	B
B	31	17	14	32	26	7	0	0	0	0	0	0	0	1	0	0	0	31	14	17	32	7	26	B
B	31	18	13	32	27	6	0	0	0	0	0	0	0	1	0	0	0	31	13	18	32	6	27	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
J=32				ΔJ = 0																				
												Δτ = 1												
C	32	16	16	32	17	16	1206439	1180296	1099188	982749	775502	592747	1245188	1494569	1558008	1574738	1575758	32	16	16	32	16	17	A
A	32	17	16	32	17	15	1778883	1777996	1763464	1708733	1501540	883841	755574	1003270	1135365	1226414	1255682	32	16	17	32	15	17	C
C	32	17	15	32	18	15	1154119	1130684	1058119	954688	776245	535669	976769	1290207	1364399	1383765	1384943	32	15	17	32	15	18	A
A	32	18	15	32	18	14	1994318	1993544	1980873	1933376	1757570	1287133	713970	1014403	1166049	1268908	1301847	32	15	18	32	14	18	C
C	32	18	14	32	19	14	1098722	1077672	1012588	920278	764079	561793	678538	1094565	1182483	1205070	1206439	32	14	18	32	14	19	A
A	32	19	14	32	19	13	2222064	2221387	2210315	2168947	2018042	1645322	752471	1013064	1190368	1307599	1344934	32	14	19	32	13	19	C
C	32	19	13	32	20	13	1040246	1021331	962907	880336	742361	573054	439318	905691	1012035	1038640	1040246	32	13	19	32	13	20	A
A	32	20	13	32	20	12	2462121	2461529	2451847	2415758	2285409	1976575	1087060	993587	1207009	1342233	1384943	32	13	20	32	12	20	C
C	32	20	12	32	21	12	978693	961715	909313	835439	713038	567566	373060	719307	852706	884460	886364	32	12	20	32	12	21	A
A	32	21	12	32	21	11	2714489	2713971	2705512	2674038	2561141	2300171	1614831	946375	1213874	1372432	1421875	32	12	21	32	11	21	C
C	32	21	11	32	22	11	914062	898864	851983	786015	677343	550677	384001	524458	703922	742507	744792	32	11	21	32	11	22	A
A	32	22	11	32	22	10	2979167	2978715	2971345	2943957	2846197	2623800	2086597	907202	1207349	1397627	1455729	32	11	22	32	10	22	C
C	32	22	10	32	23	10	846354	832812	791058	732381	636113	525286	386472	329379	564616	612741	615530	32	10	22	32	10	23	A
A	32	23	10	32	23	9	3256155	3255764	3249372	3225642	3141244	2951316	2511727	1132422	1180603	1416912	1486506	32	10	23	32	9	23	C
C	32	23	9	32	24	9	775568	763583	726644	674784	589943	493063	375156	227616	432378	495103	498580	32	9	23	32	9	24	A
A	32	24	9	32	24	8	3545455	3545118	3539614	3519195	3446765	3285002	2919764	1773240	1122198	1428769	1514205	32	9	24	32	8	24	C
C	32	24	8	32	25	8	701705	691199	658829	613415	539271	455066	354297	214643	300807	389485	393939	32	8	24	32	8	25	A
A	32	25	8	32	25	7	3847064	3846777	3842087	3824694	3763118	3626343	3322369	2458095	1087483	1430456	1538826	32	8	25	32	7	25	C
C	32	25	7	32	26	7	624763	615676	587681	548426	484428	412016	326246	212313	177256	295683	301610	32	7	25	32	7	26	A
A	32	26	7	32	26	6	4160985	4160744	4156804	4142202	4090581	3976370	3725224	3048298	1428062	1416521	1560369	32	7	26	32	6	26	C
C	32	26	6	32	27	6	544744	537028	513257	479939	425674	364428	292353	199261	116981	213243	221591	32	6	26	32	6	27	A
A	32	27	6	32	27	5	4487216	4487017	4483777	4471770	4429370	4335830	4131646	3596792	2313019	1375571	1578835	32	6	27	32	5	27	C
C	32	27	5	32	28	5	461648	455264	435602	408051	363210	312686	253472	178145	105250	140826	153883	32	5	27	32	5	28	A
A	32	28	5	32	28	4	4825758	4825599	4823015	4813440	4779657	4705285	4543781	4127977	3219059	1315551	1594223	32	5	28	32	4	28	C
C	32	28	4	32	29	4	375473	370395	354756	332844	297199	257082	210186	151031	95613	76735	98485	32	4	28	32	4	29	A
A	32	29	4	32	29	3	5176610	5176489	5174525	5167247	5141582	5085169	4963115	4652351	4003745	1587553	1606534	32	4	29	32	3	29	C
C	32	29	3	32	30	3	286222	282429	270748	254384	227773	197845	162915	119061	78741	37441	55398	32	3	29	32	3	30	A
A	32	30	3	32	30	2	5539773	5539688	5538313	5533217	5515256	5475823	5390725	5175635	4737120	2800295	1615767	32	3	30	32	2	30	C
C	32	30	2	32	31	2	193892	191370	183605	172727	155041	135158	111974	82940	56474	24145	24621	32	2	30	32	2	31	A
A	32	31	2	32	31	1	5915205	5915196	5914374	5911376	5900776	5877520	5827422	5701384	5447724	4411924	1621922	32	2	31	32	1	31	C
C	32	31	1	32	32	1	98484	97226	93349	87919	79091	69169	57605	43141	30002	14041	6155	32	1	31	32	1	32	A
A	32	32	1	32	32	0	6303028	6303011	6302181	6301741	6298203	6290483	6273833	6232000	6148145	5817262	3250000	32	1	32	32	0	32	C
												Δτ = 2												
B	32	16	17	32	17	16	1206439	1232858	1318468	1451607	1717002	2006623	1717002	1451607	1318468	1232858	1206439	32	17	16	32	16	17	B
B	32	16	16	32	17	15	1206439	1232858	1318468	1451607	1717332	2431728	1837412	1530535	1381008	1285239	1255682	32	16	16	32	15	17	B
B	32	17	16	32	18	15	1154119	1177813	1254609	1373750	1607892	1946665	1833245	1530534	1381008	1285239	1255682	32	16	17	32	15	18	B
B	32	17	15	32	18	14	1154119	1177813	1254609	1373750	1607916	2022418	2000581	1612009	1442775	1335082	1301847	32	15	17	32	14	18	B
B	32	18	15	32	19	14	1098722	1120012	1189031	1295949	1504086	1817286	1945973	1612004	1442775	1335082	1301847	32	15	18	32	14	19	B
B	32	18	14	32	19	13	1098722	1120012	1189031	1295949	1504087	1823035	2373940	1698285	1504537	1382561	1344934	32	14	18	32	13	19	B
B	32	19	14	32	20	13	1040246	1059383	1121437	1217477	1403292	1679051	1999420	1698201	1504537	1382561	1344934	32	14	19	32	13	20	B
B	32	19	13	32	20	12	1040246	1059383	1121437	1217477	1403293	1679495	2478535	1793221	1567404	1427923	1384943	32	13	19	32	12	20	B
B	32	20	13	32	21	12	978693	995875	1051600	1137799	1303907	1546826	1929907	1792051	1567404	1427923	1384943	32	13	20	32	12	21	B
B	32	20	12	32	21	11	978693	995875	1051600	1137799	1303907	1546858	2034084	1908208	1633041	1471523	1421875	32	12	20	32	11	21	B
B	32	21	12	32	22	11	914062	929446	979346	1056512	1204823	1419554	1776385	1892673	1633038	1471523	1421875	32	12	21	32	11	22	B
B	32	21	11	32	22	10	914062	929446	979346	1056512	1204823	1419556	1784147	2145782	1704086	1513897	1455729	32	11	21	32	10	22	B
B	32	22	11	32	23	10	846354	860063	904540	973306	1105245	1295029	1607337	1967597	1704008	1513897	1455729	32	11	22	32	10	23	B
B	32	22	10	32	23	9	846354	860063	904540	973306	1105245	1295029	1607887	2537242	1785210	1555871	1486506	32	10	22	32	9	23	B
B	32	23	10	32	24	9	775568	787702	827072	887939	1004587	1171662	1443091	1929907	1783951	1555871	1486506	32	10	23	32	9	24	B
B	32	23	9	32	24	8	775568	787702	827072	887939	1004587	1171662	1443129	2208232	1890673	1598785	1514205	32	9	23	32	8	24	B
B	32	24	9	32	25	8	701705	712341	746857	800218	902405	1048355	1283403	1757961	1872056	1598784	1514205	32	9	24	32	8	25	B
B	32	24	8	32	25	7	701705	712341	746857	800218	902405	1048355	1283405	1785396	2147463	1644918	1538826	32	8	24	32	7	25	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	32	25	8	32	26	7	624763	633964	663825	709989	798352	924322	1126065	1535591	1925577	1644910	1538826	32	8	25	32	7	26	B
B	32	25	7	32	26	6	624763	633964	663825	709989	798352	924322	1126066	1537184	2546957	1698471	1560369	32	7	25	32	6	26	B
B	32	26	7	32	27	6	544744	552558	577920	617128	692154	798981	969461	1311972	1830387	1698230	1560369	32	7	26	32	6	27	B
B	32	26	6	32	27	5	544744	552558	577920	617128	692154	798981	969461	1312064	2086703	1769348	1578835	32	6	26	32	5	27	B
B	32	27	6	32	28	5	461648	468112	489093	521531	583590	671885	812475	1092810	1570108	1763675	1578835	32	6	27	32	5	28	B
B	32	27	5	32	28	4	461648	468112	489093	521531	583590	671885	812475	1092815	1589436	1925185	1594223	32	5	27	32	4	28	B
B	32	28	5	32	29	4	375473	380616	397308	423114	472481	542685	654314	875899	1255847	1817331	1594223	32	5	28	32	4	29	B
B	32	28	4	32	29	3	375473	380616	397308	423114	472481	542685	654314	875899	1256687	2461225	1606534	32	4	28	32	3	29	B
B	32	29	4	32	30	3	286222	290063	302531	321808	358681	411103	494390	659294	940387	1693098	1606534	32	4	29	32	3	30	B
B	32	29	3	32	30	2	286222	290063	302531	321808	358681	411103	494390	659294	940418	2203084	1615767	32	3	29	32	2	30	B
B	32	30	3	32	31	2	193892	196446	204735	217551	242067	276913	332253	441677	627526	1238095	1615767	32	3	30	32	2	31	B
B	32	30	2	32	31	1	193891	196446	204735	217551	242067	276913	332253	441677	627527	1280387	1621922	32	2	30	32	1	31	B
B	32	31	2	32	32	1	98485	99760	103898	110296	122535	139931	167551	222134	314706	628446	1621922	32	2	31	32	1	32	B
B	32	31	1	32	32	0	98484	99760	103908	110296	122535	139931	167551	222134	314706	629153	3250000	32	1	31	32	0	32	B
												$\Delta\tau$ = 3												
C	32	16	17	32	17	15	1206439	1180296	1099188	982749	775218	322555	49333	12275	2683	154	0	32	17	16	32	15	17	A
A	32	16	16	32	18	15	0	125	2182	9947	39368	155906	752159	1003269	1135365	1226414	1255682	32	16	16	32	15	18	C
C	32	17	16	32	18	14	1154119	1130684	1058119	954688	776224	493201	63338	15169	3298	189	0	32	16	17	32	14	18	A
A	32	17	15	32	19	14	0	102	1771	8052	31520	94576	674390	1014398	1166049	1268908	1301847	32	15	17	32	14	19	C
C	32	18	15	32	19	13	1098722	1077672	1012588	920278	764077	558051	98757	18818	4063	233	0	32	15	18	32	13	19	A
A	32	18	14	32	20	13	0	82	1432	6496	25222	71992	463994	1012981	1190368	1307599	1344934	32	14	18	32	13	20	C
C	32	19	14	32	20	12	1040246	1021331	962907	880336	742361	572741	204430	23516	5027	287	0	32	14	19	32	12	20	A
A	32	19	13	32	21	12	0	66	1151	5211	20108	56428	222463	992443	1207009	1342233	1384943	32	13	19	32	12	21	C
C	32	20	13	32	21	11	978693	961715	909313	835439	713038	567542	331466	29812	6261	356	0	32	13	20	32	11	21	A
A	32	20	12	32	22	11	0	53	917	4147	15923	44139	124304	932005	1213870	1372432	1421875	32	12	20	32	11	22	C
C	32	21	12	32	22	10	914062	898864	851983	786015	677343	550676	380351	41260	7878	446	0	32	12	21	32	10	22	A
A	32	21	11	32	23	10	0	42	722	3263	12483	34280	90106	753072	1207269	1397627	1455729	32	11	21	32	10	23	C
C	32	22	11	32	23	9	846354	832812	791058	732381	636113	525286	386182	79384	10055	564	0	32	11	22	32	9	23	A
A	32	22	10	32	24	9	0	32	560	2531	9652	26311	67752	404283	1179288	1416912	1486506	32	10	22	32	9	24	C
C	32	23	10	32	24	8	775568	763583	726644	674784	589943	493063	375135	159714	13146	725	0	32	10	23	32	8	24	A
A	32	23	9	32	25	8	0	25	427	1925	7325	19854	50377	180930	1103348	1428768	1514205	32	9	23	32	8	25	C
C	32	24	9	32	25	7	701705	691199	658829	613415	539271	455066	354295	207520	19270	951	0	32	9	24	32	7	25	A
A	32	24	8	32	26	7	0	18	317	1428	5424	14633	36707	109667	870838	1430448	1538826	32	8	24	32	7	26	C
C	32	25	8	32	26	6	624763	615676	587681	548426	484428	412016	326246	211806	40949	1284	0	32	8	25	32	6	26	A
A	32	25	7	32	27	6	0	13	227	1025	3884	10440	25955	74696	423274	1416268	1560369	32	7	25	32	6	27	C
C	32	26	7	32	27	5	544744	537028	513257	479939	425674	364428	292353	199229	84320	1802	0	32	7	26	32	5	27	A
A	32	26	6	32	28	5	0	9	156	702	2657	7118	17570	49464	165716	1369548	1578835	32	6	26	32	5	28	C
C	32	27	6	32	28	4	461648	455264	435602	408051	363210	312686	253472	178143	102486	2763	0	32	6	27	32	4	28	A
A	32	27	5	32	29	4	0	6	100	450	1700	4544	11149	30860	86594	1202736	1594223	32	5	27	32	4	29	C
C	32	28	5	32	29	3	375473	370395	354756	332844	297199	257082	210186	151031	95463	6186	0	32	5	28	32	3	29	A
A	32	28	4	32	30	3	0	3	58	260	981	2617	6391	17454	47106	654794	1606534	32	4	28	32	3	30	C
C	32	29	4	32	30	2	286222	282429	270748	254384	227773	197845	162915	119061	78735	17374	0	32	4	29	32	2	30	A
A	32	29	3	32	31	2	0	2	28	125	473	1259	3063	8275	21789	164401	1615767	32	3	29	32	2	31	C
C	32	30	3	32	31	1	193891	191370	183604	172727	155041	135158	111974	82940	56474	22541	0	32	3	30	32	1	31	A
A	32	30	2	32	32	1	0	1	9	40	152	405	981	2628	6790	35244	1621922	32	2	30	32	1	32	C
C	32	31	2	32	32	0	98485	97226	93340	87919	79091	69169	57605	43141	30002	14005	0	32	2	31	32	0	32	A
												$\Delta\tau$ = 5												
C	32	15	17	32	18	15	0	25	416	1845	7499	58318	49147	12275	2683	154	0	32	17	15	32	15	18	A
A	32	16	17	32	18	14	0	125	2182	9947	39356	92362	12090	2721	605	36	0	32	17	16	32	14	18	C
C	32	16	16	32	19	14	0	17	287	1259	4883	22120	60356	15168	3298	189	0	32	16	16	32	14	19	A
A	32	17	16	32	19	13	0	102	1771	8052	31519	88209	24599	4065	885	52	0	32	16	17	32	13	19	C
C	32	17	15	32	20	13	0	12	198	861	3232	10209	65359	18817	4063	233	0	32	15	17	32	13	20	A
A	32	18	15	32	20	12	0	82	1432	6496	25222	71595	65915	6199	1310	77	0	32	15	18	32	12	20	C
C	32	18	14	32	21	12	0	8	135	587	2154	6124	44961	23493	5027	287	0	32	14	18	32	12	21	A
A	32	19	14	32	21	11	0	66	1151	5211	20108	56403	114747	9796	1969	114	0	32	14	19	32	11	21	C

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 32 19 13 32 22 11	0	6	92	397	1434	3872	17074	29429	6261	356	0	32 13 19 32 11 22 A
A 32 20 13 32 22 10	0	53	917	4147	15923	44138	112556	17522	3026	172	0	32 13 20 32 10 22 C
C 32 20 12 32 23 10	0	4	62	266	947	2469	7117	35247	7877	446	0	32 12 20 32 10 23 A
A 32 21 12 32 23 9	0	42	722	3263	12483	34280	89403	45193	4801	267	0	32 12 21 32 9 23 C
C 32 21 11 32 24 9	0	2	41	175	618	1568	3964	32225	10046	564	0	32 11 21 32 9 24 A
A 32 22 11 32 24 8	0	32	560	2531	9652	26311	67711	111049	8010	425	0	32 11 22 32 8 24 C
C 32 22 10 32 25 8	0	2	26	113	394	981	2336	14925	12957	725	0	32 10 22 32 8 25 A
A 32 23 10 32 25 7	0	25	427	1925	7325	19854	50375	134635	15638	705	0	32 10 23 32 7 25 C
C 32 23 9 32 26 7	0	1	16	70	244	599	1368	4813	15982	951	0	32 9 23 32 7 26 A
A 32 24 9 32 26 6	0	18	317	1428	5424	14633	36707	106675	46141	1232	0	32 9 24 32 6 26 C
C 32 24 8 32 27 6	0	1	10	42	145	352	779	2091	14292	1283	0	32 8 24 32 6 27 A
A 32 25 8 32 27 5	0	13	227	1025	3884	10440	25955	74555	117118	2316	0	32 8 25 32 5 27 C
C 32 25 7 32 28 5	0	0	6	24	81	195	423	1034	5625	1795	0	32 7 25 32 5 28 A
A 32 26 7 32 28 4	0	9	156	702	2657	7118	17570	49458	126777	4999	0	32 7 26 32 4 28 C
C 32 26 6 32 29 4	0	0	3	12	42	100	212	490	1437	2557	0	32 6 26 32 4 29 A
A 32 27 6 32 29 3	0	6	100	450	1700	4544	11149	30860	84769	16958	0	32 6 27 32 3 29 C
C 32 27 5 32 30 3	0	0	1	6	19	45	94	208	470	2982	0	32 5 27 32 3 30 A
A 32 28 5 32 30 2	0	3	58	260	981	2617	6391	17454	47050	70649	0	32 5 28 32 2 30 C
C 32 28 4 32 31 2	0	0	0	2	7	16	34	72	149	1329	0	32 4 28 32 2 31 A
A 32 29 4 32 31 1	0	2	28	125	473	1259	3063	8275	21788	89969	0	32 4 29 32 1 31 C
C 32 29 3 32 32 1	0	0	0	0	2	4	8	16	31	139	0	32 3 29 32 1 32 A
A 32 30 3 32 32 0	0	1	9	40	152	405	981	2628	6790	33395	0	32 3 30 32 0 32 C
						Δτ = 6						
B 32 15 18 32 18 15	0	25	462	2307	11531	33312	11531	2307	462	25	0	32 18 15 32 15 18 B
B 32 15 17 32 18 14	0	25	462	2307	11572	108869	18710	3403	672	37	0	32 17 15 32 14 18 B
B 32 16 17 32 19 14	0	18	319	1574	7522	28365	17892	3403	672	37	0	32 17 16 32 14 19 B
B 32 16 16 32 19 13	0	18	319	1574	7524	44587	38165	5086	984	53	0	32 16 16 32 13 19 B
B 32 17 16 32 20 13	0	12	220	1076	4978	19280	26513	5085	984	53	0	32 16 17 32 13 20 B
B 32 17 15 32 20 12	0	12	220	1076	4978	20559	97168	7761	1456	79	0	32 15 17 32 12 20 B
B 32 18 15 32 21 12	0	8	151	734	3315	12228	32118	7753	1456	79	0	32 15 18 32 12 21 B
B 32 18 14 32 21 11	0	8	151	734	3315	12291	115716	12283	2188	117	0	32 14 18 32 11 21 B
B 32 19 14 32 22 11	0	6	102	497	2207	7754	27959	12134	2188	117	0	32 14 19 32 11 22 B
B 32 19 13 32 22 10	0	6	102	497	2207	7758	49011	22037	3363	177	0	32 13 19 32 10 22 B
B 32 20 13 32 23 10	0	4	69	333	1458	4942	18688	19050	3363	177	0	32 13 20 32 10 23 B
B 32 20 12 32 23 9	0	4	69	333	1458	4943	20473	56387	5339	274	0	32 12 20 32 9 23 B
B 32 21 12 32 24 9	0	3	45	219	950	3137	11281	26525	5334	274	0	32 12 21 32 9 24 B
B 32 21 11 32 24 8	0	3	45	219	950	3137	11363	117999	8916	436	0	32 11 21 32 8 24 B
B 32 22 11 32 25 8	0	2	29	141	606	1963	6683	26786	8794	436	0	32 11 22 32 8 25 B
B 32 22 10 32 25 7	0	2	29	141	606	1963	6686	73011	17444	723	0	32 10 22 32 7 25 B
B 32 23 10 32 26 7	0	1	18	88	376	1197	3911	18532	14636	723	0	32 10 23 32 7 26 B
B 32 23 9 32 26 6	0	1	18	88	376	1197	3911	24207	50970	1263	0	32 9 23 32 6 26 B
B 32 24 9 32 27 6	0	1	11	52	223	703	2227	10219	20904	1263	0	32 9 24 32 6 27 B
B 32 24 8 32 27 5	0	1	11	52	223	703	2227	10487	108257	2376	0	32 8 24 32 5 27 B
B 32 25 8 32 28 5	0	0	6	30	125	391	1208	5168	19661	2366	0	32 8 25 32 5 28 B
B 32 25 7 32 28 4	0	0	6	30	125	391	1208	5177	55297	5131	0	32 7 25 32 4 28 B
B 32 26 7 32 29 4	0	0	3	15	65	200	607	2450	11257	4758	0	32 7 26 32 4 29 B
B 32 26 6 32 29 3	0	0	3	15	65	200	607	2451	14414	17394	0	32 6 26 32 3 29 B
B 32 27 6 32 30 3	0	0	1	7	29	90	270	1042	4616	8801	0	32 6 27 32 3 30 B
B 32 27 5 32 30 2	0	0	1	7	29	90	270	1042	4711	68253	0	32 5 27 32 2 30 B
B 32 28 5 32 31 2	0	0	1	3	11	33	97	361	1486	9260	0	32 5 28 32 2 31 B
B 32 28 4 32 31 1	0	0	1	3	11	33	97	361	1488	50618	0	32 4 28 32 1 31 B
B 32 29 4 32 32 1	0	0	0	1	2	7	22	79	308	3163	0	32 4 29 32 1 32 B
B 32 29 3 32 32 0	0	0	0	1	2	7	22	79	308	5547	0	32 3 29 32 0 32 B
						Δτ = 7						
C 32 15 18 32 18 14	0	25	416	1845	7472	14478	524	25	1	0	0	32 18 15 32 14 18 A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	32	15	17	32	19	14	0	0	1	15	267	7736	11552	2721	605	36	0	32	17	15	32	14	19	C
C	32	16	17	32	19	13	0	17	287	1259	4881	13792	1326	45	2	0	0	32	17	16	32	13	19	A
A	32	16	16	32	20	13	0	0	0	8	144	2318	16868	4065	885	52	0	32	16	16	32	13	20	C
C	32	17	16	32	20	12	0	12	198	861	3232	9562	4495	83	4	0	0	32	16	17	32	12	20	A
A	32	17	15	32	21	12	0	0	0	5	80	853	18768	6193	1310	77	0	32	15	17	32	12	21	C
C	32	18	15	32	21	11	0	8	135	587	2154	6092	9418	160	6	0	0	32	15	18	32	11	21	A
A	32	18	14	32	22	11	0	0	0	3	44	415	11035	9675	1969	114	0	32	14	18	32	11	22	C
C	32	19	14	32	22	10	0	6	92	397	1434	3870	9464	354	12	0	0	32	14	19	32	10	22	A
A	32	19	13	32	23	10	0	0	0	2	25	215	3268	15106	3026	172	0	32	13	19	32	10	23	C
C	32	20	13	32	23	9	0	4	62	266	947	2469	6485	1161	23	0	0	32	13	20	32	9	23	A
A	32	20	12	32	24	9	0	0	0	1	14	112	1061	20394	4796	267	0	32	12	20	32	9	24	C
C	32	21	12	32	24	8	0	2	41	175	618	1568	3935	3630	47	0	0	32	12	21	32	8	24	A
A	32	21	11	32	25	8	0	0	0	0	7	58	466	17054	7899	425	0	32	11	21	32	8	25	C
C	32	22	11	32	25	7	0	2	26	113	394	981	2335	5002	116	0	0	32	11	22	32	7	25	A
A	32	22	10	32	26	7	0	0	0	0	4	29	217	6088	13092	705	0	32	10	22	32	7	26	C
C	32	23	10	32	26	6	0	1	16	70	244	599	1368	3661	450	1	0	32	10	23	32	6	26	A
A	32	23	9	32	27	6	0	0	0	0	2	14	100	1441	18173	1232	0	32	9	23	32	6	27	C
C	32	24	9	32	27	5	0	1	10	42	145	352	779	2037	1502	1	0	32	9	24	32	5	27	A
A	32	24	8	32	28	5	0	0	0	0	1	7	44	458	13986	2307	0	32	8	24	32	5	28	C
C	32	25	8	32	28	4	0	0	6	24	81	195	423	1032	1873	4	0	32	8	25	32	4	28	A
A	32	25	7	32	29	4	0	0	0	0	0	3	18	163	3829	4635	0	32	7	25	32	4	29	C
C	32	26	7	32	29	3	0	0	3	12	42	100	212	490	1118	20	0	32	7	26	32	3	29	A
A	32	26	6	32	30	3	0	0	0	0	0	1	6	53	625	8523	0	32	6	26	32	3	30	C
C	32	27	6	32	30	2	0	0	1	6	19	45	94	208	461	123	0	32	6	27	32	2	30	A
A	32	27	5	32	31	2	0	0	0	0	0	0	2	14	120	8324	0	32	5	27	32	2	31	C
C	32	28	5	32	31	1	0	0	0	2	7	16	34	72	149	217	0	32	5	28	32	1	31	A
A	32	28	4	32	32	1	0	0	0	0	0	0	0	2	17	1659	0	32	4	28	32	1	32	C
C	32	29	4	32	32	0	0	0	0	0	2	4	8	16	31	79	0	32	4	29	32	0	32	A
												$\Delta\tau$ = 9												
C	32	14	18	32	19	14	0	0	0	3	64	1879	501	25	1	0	0	32	18	14	32	14	19	A
A	32	15	18	32	19	13	0	0	1	15	266	2099	198	7	0	0	0	32	18	15	32	13	19	C
C	32	15	17	32	20	13	0	0	0	2	27	804	915	45	2	0	0	32	17	15	32	13	20	A
A	32	16	17	32	20	12	0	0	0	8	144	1458	830	15	1	0	0	32	17	16	32	12	20	C
C	32	16	16	32	21	12	0	0	0	1	12	193	1364	83	4	0	0	32	16	16	32	12	21	A
A	32	17	16	32	21	11	0	0	0	5	80	799	2173	34	1	0	0	32	16	17	32	11	21	C
C	32	17	15	32	22	11	0	0	0	0	6	58	1305	158	6	0	0	32	15	17	32	11	22	A
A	32	18	15	32	22	10	0	0	0	3	44	413	2603	92	3	0	0	32	15	18	32	10	22	C
C	32	18	14	32	23	10	0	0	0	0	3	23	607	305	12	0	0	32	14	18	32	10	23	A
A	32	19	14	32	23	9	0	0	0	2	25	215	1835	374	7	0	0	32	14	19	32	9	23	C
C	32	19	13	32	24	9	0	0	0	0	1	10	141	534	23	0	0	32	13	19	32	9	24	A
A	32	20	13	32	24	8	0	0	0	1	14	112	968	1477	18	0	0	32	13	20	32	8	24	C
C	32	20	12	32	25	8	0	0	0	0	1	4	36	658	46	0	0	32	12	20	32	8	25	A
A	32	21	12	32	25	7	0	0	0	0	7	58	463	2556	55	0	0	32	12	21	32	7	25	C
C	32	21	11	32	26	7	0	0	0	0	0	2	13	429	97	0	0	32	11	21	32	7	26	A
A	32	22	11	32	26	6	0	0	0	0	4	29	217	2124	270	0	0	32	11	22	32	6	26	C
C	32	22	10	32	27	6	0	0	0	0	0	1	5	113	180	1	0	32	10	22	32	6	27	A
A	32	23	10	32	27	5	0	0	0	0	2	14	100	1100	1176	1	0	32	10	23	32	5	27	C
C	32	23	9	32	28	5	0	0	0	0	0	0	2	20	215	1	0	32	9	23	32	5	28	A
A	32	24	9	32	28	4	0	0	0	0	1	7	44	447	1909	4	0	32	9	24	32	4	28	C
C	32	24	8	32	29	4	0	0	0	0	0	0	1	5	116	4	0	32	8	24	32	4	29	A
A	32	25	8	32	29	3	0	0	0	0	0	3	18	163	1314	26	0	32	8	25	32	3	29	C
C	32	25	7	32	30	3	0	0	0	0	0	0	0	1	21	10	0	32	7	25	32	3	30	A
A	32	26	7	32	30	2	0	0	0	0	0	1	6	53	487	220	0	32	7	26	32	2	30	C
C	32	26	6	32	31	2	0	0	0	0	0	0	0	0	2	15	0	32	6	26	32	2	31	A
A	32	27	6	32	31	1	0	0	0	0	0	0	2	14	117	568	0	32	6	27	32	1	31	C

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	32	27	5	32	32	1	0	0	0	0	0	0	0	0	0	7	0	32	5	27	32	1	32	A
A	32	28	5	32	32	0	0	0	0	0	0	0	0	2	17	286	0	32	5	28	32	0	32	C
												$\Delta\tau$ = 10												
B	32	14	19	32	19	14	0	0	0	4	94	552	94	4	0	0	0	32	19	14	32	14	19	B
B	32	14	18	32	19	13	0	0	0	4	99	3696	304	8	0	0	0	32	18	14	32	13	19	B
B	32	15	18	32	20	13	0	0	0	2	42	443	210	8	0	0	0	32	18	15	32	13	20	B
B	32	15	17	32	20	12	0	0	0	2	42	1606	1277	19	1	0	0	32	17	15	32	12	20	B
B	32	16	17	32	21	12	0	0	0	1	19	243	392	19	1	0	0	32	17	16	32	12	21	B
B	32	16	16	32	21	11	0	0	0	1	19	386	3306	43	2	0	0	32	16	16	32	11	21	B
B	32	17	16	32	22	11	0	0	0	0	9	108	508	42	2	0	0	32	16	17	32	11	22	B
B	32	17	15	32	22	10	0	0	0	0	9	116	3645	115	3	0	0	32	15	17	32	10	22	B
B	32	18	15	32	23	10	0	0	0	0	4	46	418	99	3	0	0	32	15	18	32	10	23	B
B	32	18	14	32	23	9	0	0	0	0	4	46	1730	467	8	0	0	32	14	18	32	9	23	B
B	32	19	14	32	24	9	0	0	0	0	2	20	226	215	8	0	0	32	14	19	32	9	24	B
B	32	19	13	32	24	8	0	0	0	0	2	20	402	1841	20	0	0	32	13	19	32	8	24	B
B	32	20	13	32	25	8	0	0	0	0	1	8	94	344	20	0	0	32	13	20	32	8	25	B
B	32	20	12	32	25	7	0	0	0	0	1	8	103	3100	61	0	0	32	12	20	32	7	25	B
B	32	21	12	32	26	7	0	0	0	0	0	3	36	340	51	0	0	32	12	21	32	7	26	B
B	32	21	11	32	26	6	0	0	0	0	0	3	36	2132	300	0	0	32	11	21	32	6	26	B
B	32	22	11	32	27	6	0	0	0	0	0	1	13	199	120	0	0	32	11	22	32	6	27	B
B	32	22	10	32	27	5	0	0	0	0	0	1	13	567	1304	1	0	32	10	22	32	5	27	B
B	32	23	10	32	28	5	0	0	0	0	0	1	5	75	192	1	0	32	10	23	32	5	28	B
B	32	23	9	32	28	4	0	0	0	0	0	1	5	99	2061	4	0	32	9	23	32	4	28	B
B	32	24	9	32	29	4	0	0	0	0	0	0	2	22	165	4	0	32	9	24	32	4	29	B
B	32	24	8	32	29	3	0	0	0	0	0	0	2	23	1160	26	0	32	8	24	32	3	29	B
B	32	25	8	32	30	3	0	0	0	0	0	0	0	5	71	13	0	32	8	25	32	3	30	B
B	32	25	7	32	30	2	0	0	0	0	0	0	0	5	205	225	0	32	7	25	32	2	30	B
B	32	26	7	32	31	2	0	0	0	0	0	0	0	1	15	29	0	32	7	26	32	2	31	B
B	32	26	6	32	31	1	0	0	0	0	0	0	0	1	20	580	0	32	6	26	32	1	31	B
B	32	27	6	32	32	1	0	0	0	0	0	0	0	0	2	20	0	32	6	27	32	1	32	B
B	32	27	5	32	32	0	0	0	0	0	0	0	0	0	2	271	0	32	5	27	32	0	32	B
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C	32	14	19	32	19	13	0	0	0	3	61	271	7	0	0	0	0	32	19	14	32	13	19	A
A	32	14	18	32	20	13	0	0	0	0	2	195	137	7	0	0	0	32	18	14	32	13	20	C
C	32	15	18	32	20	12	0	0	0	2	27	221	36	0	0	0	0	32	18	15	32	12	20	A
A	32	15	17	32	21	12	0	0	0	0	1	67	254	15	1	0	0	32	17	15	32	12	21	C
C	32	16	17	32	21	11	0	0	0	1	12	122	116	0	0	0	0	32	17	16	32	11	21	A
A	32	16	16	32	22	11	0	0	0	0	0	13	326	34	1	0	0	32	16	16	32	11	22	C
C	32	17	16	32	22	10	0	0	0	0	6	54	173	1	0	0	0	32	16	17	32	10	22	A
A	32	17	15	32	23	10	0	0	0	0	0	3	247	80	3	0	0	32	15	17	32	10	23	C
C	32	18	15	32	23	9	0	0	0	0	3	23	146	6	0	0	0	32	15	18	32	9	23	A
A	32	18	14	32	24	9	0	0	0	0	0	1	90	172	7	0	0	32	14	18	32	9	24	C
C	32	19	14	32	24	8	0	0	0	0	1	10	79	30	0	0	0	32	14	19	32	8	24	A
A	32	19	13	32	25	8	0	0	0	0	0	0	17	274	18	0	0	32	13	19	32	8	25	C
C	32	20	13	32	25	7	0	0	0	0	1	4	33	65	0	0	0	32	13	20	32	7	25	A
A	32	20	12	32	26	7	0	0	0	0	0	0	3	264	46	0	0	32	12	20	32	7	26	C
C	32	21	12	32	26	6	0	0	0	0	0	2	12	68	2	0	0	32	12	21	32	6	26	A
A	32	21	11	32	27	6	0	0	0	0	0	0	1	128	108	0	0	32	11	21	32	6	27	C
C	32	22	11	32	27	5	0	0	0	0	0	1	5	40	9	0	0	32	11	22	32	5	27	A
A	32	22	10	32	28	5	0	0	0	0	0	0	0	25	173	1	0	32	10	22	32	5	28	C
C	32	23	10	32	28	4	0	0	0	0	0	0	2	15	18	0	0	32	10	23	32	4	28	A
A	32	23	9	32	29	4	0	0	0	0	0	0	0	3	145	4	0	32	9	23	32	4	29	C
C	32	24	9	32	29	3	0	0	0	0	0	0	1	4	16	0	0	32	9	24	32	3	29	A
A	32	24	8	32	30	3	0	0	0	0	0	0	0	0	50	13	0	32	8	24	32	3	30	C
C	32	25	8	32	30	2	0	0	0	0	0	0	0	1	7	0	0	32	8	25	32	2	30	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	32	25	7	32	31	2	0	0	0	0	0	0	0	0	5	28	0	32	7	25	32	2	31	C
C	32	26	7	32	31	1	0	0	0	0	0	0	0	0	2	1	0	32	7	26	32	1	31	A
A	32	26	6	32	32	1	0	0	0	0	0	0	0	0	0	19	0	32	6	26	32	1	32	C
												Δτ = 13												
C	32	13	19	32	20	13	0	0	0	0	1	28	5	0	0	0	0	32	19	13	32	13	20	A
A	32	14	19	32	20	12	0	0	0	0	2	29	4	0	0	0	0	32	19	14	32	12	20	C
C	32	14	18	32	21	12	0	0	0	0	0	16	11	0	0	0	0	32	18	14	32	12	21	A
A	32	15	18	32	21	11	0	0	0	0	1	18	17	0	0	0	0	32	18	15	32	11	21	C
C	32	15	17	32	22	11	0	0	0	0	0	5	18	0	0	0	0	32	17	15	32	11	22	A
A	32	16	17	32	22	10	0	0	0	0	0	8	32	0	0	0	0	32	17	16	32	10	22	C
C	32	16	16	32	23	10	0	0	0	0	0	1	18	1	0	0	0	32	16	16	32	10	23	A
A	32	17	16	32	23	9	0	0	0	0	0	3	33	1	0	0	0	32	16	17	32	9	23	C
C	32	17	15	32	24	9	0	0	0	0	0	0	11	3	0	0	0	32	15	17	32	9	24	A
A	32	18	15	32	24	8	0	0	0	0	0	1	22	8	0	0	0	32	15	18	32	8	24	C
C	32	18	14	32	25	8	0	0	0	0	0	0	3	6	0	0	0	32	14	18	32	8	25	A
A	32	19	14	32	25	7	0	0	0	0	0	0	9	21	0	0	0	32	14	19	32	7	25	C
C	32	19	13	32	26	7	0	0	0	0	0	0	0	7	0	0	0	32	13	19	32	7	26	A
A	32	20	13	32	26	6	0	0	0	0	0	0	3	27	1	0	0	32	13	20	32	6	26	C
C	32	20	12	32	27	6	0	0	0	0	0	0	0	5	1	0	0	32	12	20	32	6	27	A
A	32	21	12	32	27	5	0	0	0	0	0	0	1	20	4	0	0	32	12	21	32	5	27	C
C	32	21	11	32	28	5	0	0	0	0	0	0	0	2	1	0	0	32	11	21	32	5	28	A
A	32	22	11	32	28	4	0	0	0	0	0	0	0	9	11	0	0	32	11	22	32	4	28	C
C	32	22	10	32	29	4	0	0	0	0	0	0	0	0	1	0	0	32	10	22	32	4	29	A
A	32	23	10	32	29	3	0	0	0	0	0	0	0	2	13	0	0	32	10	23	32	3	29	C
C	32	23	9	32	30	3	0	0	0	0	0	0	0	0	1	0	0	32	9	23	32	3	30	A
A	32	24	9	32	30	2	0	0	0	0	0	0	0	0	7	0	0	32	9	24	32	2	30	C
A	32	25	8	32	31	1	0	0	0	0	0	0	0	0	2	1	0	32	8	25	32	1	31	C
A	32	26	7	32	32	0	0	0	0	0	0	0	0	0	0	1	0	32	7	26	32	0	32	C
												Δτ = 14												
B	32	13	20	32	20	13	0	0	0	0	1	6	1	0	0	0	0	32	20	13	32	13	20	B
B	32	13	19	32	20	12	0	0	0	0	1	56	7	0	0	0	0	32	19	13	32	12	20	B
B	32	14	19	32	21	12	0	0	0	0	0	5	2	0	0	0	0	32	19	14	32	12	21	B
B	32	14	18	32	21	11	0	0	0	0	0	32	27	0	0	0	0	32	18	14	32	11	21	B
B	32	15	18	32	22	11	0	0	0	0	0	2	4	0	0	0	0	32	18	15	32	11	22	B
B	32	15	17	32	22	10	0	0	0	0	0	9	49	0	0	0	0	32	17	15	32	10	22	B
B	32	16	17	32	23	10	0	0	0	0	0	1	5	0	0	0	0	32	17	16	32	10	23	B
B	32	16	16	32	23	9	0	0	0	0	0	1	51	2	0	0	0	32	16	16	32	9	23	B
B	32	17	16	32	24	9	0	0	0	0	0	0	4	1	0	0	0	32	16	17	32	9	24	B
B	32	17	15	32	24	8	0	0	0	0	0	0	30	10	0	0	0	32	15	17	32	8	24	B
B	32	18	15	32	25	8	0	0	0	0	0	0	2	2	0	0	0	32	15	18	32	8	25	B
B	32	18	14	32	25	7	0	0	0	0	0	0	9	26	0	0	0	32	14	18	32	7	25	B
B	32	19	14	32	26	7	0	0	0	0	0	0	1	3	0	0	0	32	14	19	32	7	26	B
B	32	19	13	32	26	6	0	0	0	0	0	0	1	34	1	0	0	32	13	19	32	6	26	B
B	32	20	13	32	27	6	0	0	0	0	0	0	0	3	0	0	0	32	13	20	32	6	27	B
B	32	20	12	32	27	5	0	0	0	0	0	0	0	25	5	0	0	32	12	20	32	5	27	B
B	32	21	12	32	28	5	0	0	0	0	0	0	0	1	1	0	0	32	12	21	32	5	28	B
B	32	21	11	32	28	4	0	0	0	0	0	0	0	9	12	0	0	32	11	21	32	4	28	B
B	32	22	11	32	29	4	0	0	0	0	0	0	0	0	1	0	0	32	11	22	32	4	29	B
B	32	22	10	32	29	3	0	0	0	0	0	0	0	1	14	0	0	32	10	22	32	3	29	B
B	32	23	10	32	30	3	0	0	0	0	0	0	0	0	1	0	0	32	10	23	32	3	30	B
B	32	23	9	32	30	2	0	0	0	0	0	0	0	0	8	0	0	32	9	23	32	2	30	B
B	32	24	8	32	31	1	0	0	0	0	0	0	0	0	2	1	0	32	8	24	32	1	31	B
B	32	25	7	32	32	0	0	0	0	0	0	0	0	0	0	1	0	32	7	25	32	0	32	B
												Δτ = 15												
C	32	13	20	32	20	12	0	0	0	0	0	3	0	0	0	0	0	32	20	13	32	12	20	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	32	13	19	32	21	12	0	0	0	0	0	2	1	0	0	0	0	32	19	13	32	12	21	C
C	32	14	19	32	21	11	0	0	0	0	0	2	1	0	0	0	0	32	19	14	32	11	21	A
A	32	14	18	32	22	11	0	0	0	0	0	1	3	0	0	0	0	32	18	14	32	11	22	C
C	32	15	18	32	22	10	0	0	0	0	0	1	1	0	0	0	0	32	18	15	32	10	22	A
A	32	15	17	32	23	10	0	0	0	0	0	0	3	0	0	0	0	32	17	15	32	10	23	C
C	32	16	17	32	23	9	0	0	0	0	0	0	2	0	0	0	0	32	17	16	32	9	23	A
A	32	16	16	32	24	9	0	0	0	0	0	0	3	1	0	0	0	32	16	16	32	9	24	C
C	32	17	16	32	24	8	0	0	0	0	0	0	1	0	0	0	0	32	16	17	32	8	24	A
A	32	17	15	32	25	8	0	0	0	0	0	0	1	1	0	0	0	32	15	17	32	8	25	C
C	32	18	15	32	25	7	0	0	0	0	0	0	1	0	0	0	0	32	15	18	32	7	25	A
A	32	18	14	32	26	7	0	0	0	0	0	0	0	2	0	0	0	32	14	18	32	7	26	C
C	32	19	14	32	26	6	0	0	0	0	0	0	0	1	0	0	0	32	14	19	32	6	26	A
A	32	19	13	32	27	6	0	0	0	0	0	0	0	2	0	0	0	32	13	19	32	6	27	C
C	32	20	13	32	27	5	0	0	0	0	0	0	0	1	0	0	0	32	13	20	32	5	27	A
A	32	20	12	32	28	5	0	0	0	0	0	0	0	1	1	0	0	32	12	20	32	5	28	C
A	32	21	11	32	29	4	0	0	0	0	0	0	0	0	1	0	0	32	11	21	32	4	29	C
A	32	22	10	32	30	3	0	0	0	0	0	0	0	0	1	0	0	32	10	22	32	3	30	C
J=32			ΔJ = 1																					
												Δτ = 0												
B	32	16	16	33	17	17	1856061	1826374	1728585	1571506	1234661	732731	1234661	1571506	1728585	1826374	1856061	32	16	16	33	17	17	B
B	32	17	15	33	18	16	1931818	1905091	1817287	1677396	1386957	858904	1061111	1462247	1639614	1748788	1781818	32	15	17	33	16	18	B
B	32	18	14	33	19	15	2009091	1985018	1906099	1781129	1527075	1093831	859355	1347750	1549849	1672231	1709091	32	14	18	33	15	19	B
B	32	19	13	33	20	14	2087879	2066212	1995303	1883538	1659608	1300118	735898	1224890	1458542	1596564	1637879	32	13	19	33	14	20	B
B	32	20	12	33	21	13	2168182	2148720	2085112	1985221	1787164	1480481	865426	1087871	1364581	1521589	1568182	32	12	20	33	13	21	B
B	32	21	11	33	22	12	2250000	2232575	2175692	2086620	1911385	1646254	1142266	926258	1266206	1447024	1500000	32	11	21	33	12	22	B
B	32	22	10	33	23	11	2333333	2317808	2267175	2188074	2033376	1803001	1392231	768139	1160418	1372448	1433333	32	10	22	33	11	23	B
B	32	23	9	33	24	10	2418182	2404441	2359663	2289842	2153924	1953799	1609996	805467	1041568	1297207	1368182	32	9	23	33	10	24	B
B	32	24	8	33	25	9	2504545	2492492	2453239	2392132	2273608	2100555	1810096	1109525	899911	1220224	1304545	32	8	24	33	9	25	B
B	32	25	7	33	26	8	2592424	2581977	2547974	2495108	2392872	2244546	1999451	1451291	773427	1139594	1242424	32	7	25	33	8	26	B
B	32	26	6	33	27	7	2681818	2672908	2643922	2598906	2512059	2386677	2181764	1744087	884435	1051598	1181818	32	6	26	33	7	27	B
B	32	27	5	33	28	6	2772727	2765295	2741130	2703636	2631441	2527615	2359286	2009269	1303725	948608	1122727	32	5	27	33	6	28	B
B	32	28	4	33	29	5	2865152	2859149	2839638	2809389	2751240	2667868	2533507	2258872	1746018	834963	1065152	32	4	28	33	5	29	B
B	32	29	3	33	30	4	2959091	2954475	2939478	2916242	2871635	2807835	2705479	2498667	2128360	913894	1009091	32	3	29	33	4	30	B
B	32	30	2	33	31	3	3054545	3051281	3040678	3024260	2992775	2947831	2875971	2731935	2479885	1489753	954545	32	2	30	33	3	31	B
B	32	31	1	33	32	2	3151493	3149570	3143257	3133497	3114785	3088113	3045573	2960761	2814297	2275462	901515	32	1	31	33	2	32	B
B	32	32	0	33	33	1	3249718	3249329	3246975	3243999	3237764	3228893	3214742	3186568	3138100	2965096	1700000	32	0	32	33	1	33	B
												Δτ = 1												
C	32	0	32	33	1	32	1700000	416216	269628	230568	210835	202937	199260	197581	197129	196974	196966	32	32	0	33	32	1	A
C	32	1	32	33	2	32	901515	415953	269628	230568	210835	202937	199261	197583	197107	196978	196970	32	32	1	33	32	2	A
C	32	1	31	33	2	31	901515	827473	531069	454058	415184	399629	392390	389086	388148	387894	387877	32	31	1	33	31	2	A
C	32	2	31	33	3	31	954545	810207	531068	454058	415184	399629	392390	389086	388148	387894	387879	32	31	2	33	31	3	A
C	32	2	30	33	3	30	954545	1352866	784643	670523	613052	590077	579387	574509	573124	572750	572727	32	30	2	33	30	3	A
C	32	3	30	33	4	30	1009091	1116786	784636	670523	613052	590077	579387	574509	573124	572750	572727	32	30	3	33	30	4	A
C	32	3	29	33	4	29	1009091	1559545	1030949	880058	804453	774283	760253	753853	752036	751545	751515	32	29	3	33	29	4	A
C	32	4	29	33	5	29	1065152	1246003	1030720	880058	804453	774283	760253	753853	752036	751545	751515	32	29	4	33	29	5	A
C	32	4	28	33	5	28	1065152	1315493	1272979	1082827	989406	952249	934988	927117	924883	924279	924242	32	28	4	33	28	5	A
C	32	5	28	33	6	28	1122727	1276367	1267043	1082827	989406	952249	934988	927117	924883	924279	924242	32	28	5	33	28	6	A
C	32	5	27	33	6	27	1122727	1280324	1568018	1279119	1167945	1123980	1103592	1094301	1091665	1090953	1090909	32	27	5	33	27	6	A
C	32	6	27	33	7	27	1181818	1302482	1470611	1279103	1167945	1123980	1103592	1094301	1091665	1090953	1090909	32	27	6	33	27	7	A
C	32	6	26	33	7	26	1181818	1302663	1867421	1469445	1340122	1289484	1266066	1255406	1252382	1251565	1251515	32	26	6	33	26	7	A
C	32	7	26	33	8	26	1242424	1339729	1588981	1469117	1340122	1289484	1266066	1255406	1252382	1251565	1251515	32	26	7	33	26	8	A
C	32	7	25	33	8	25	1242424	1339736	1735468	1656976	1506030	1448773	1422412	1410430	1407034	1406117	1406061	32	25	7	33	25	8	A
C	32	8	25	33	9	25	1304545	1385281	1626565	1650400	1506030	1448773	1422412	1410430	1407034	1406117	1406061	32	25	8	33	25	9	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	32	8	24	33	9	24	1304545	1385281	1640697	1893227	1665824	1601865	1572630	1559375	1555621	1554608	1554545	32	24	8	33	24	9	A
C	32	9	24	33	10	24	1368182	1436649	1645121	1804398	1665820	1601865	1572630	1559375	1555621	1554608	1554545	32	24	9	33	24	10	A
C	32	9	23	33	10	23	1368182	1436649	1646174	2123040	1819761	1748794	1716725	1702241	1698143	1697037	1696970	32	23	9	33	23	10	A
C	32	10	23	33	11	23	1433333	1492369	1671888	1894835	1819694	1748794	1716725	1702241	1698143	1697037	1696970	32	23	10	33	23	11	A
C	32	10	22	33	11	22	1433333	1492369	1671958	2013966	1968442	1889612	1854702	1839026	1834600	1833406	1833333	32	22	10	33	22	11	A
C	32	11	22	33	12	22	1500000	1551556	1708172	1927559	1967308	1889612	1854702	1839026	1834600	1833406	1833333	32	22	11	33	22	12	A
C	32	11	21	33	12	21	1500000	1551556	1708176	1940014	2122824	2024410	1986570	1969733	1964992	1963715	1963636	32	21	11	33	21	12	A
C	32	12	21	33	13	21	1568182	1613651	1751806	1946901	2102863	2024408	1986570	1969733	1964992	1963715	1963636	32	21	12	33	21	13	A
C	32	12	20	33	13	20	1568182	1613651	1751806	1947963	2338996	2153338	2112343	2094360	2089319	2087962	2087879	32	20	12	33	20	13	A
C	32	13	20	33	14	20	1637879	1678282	1801154	1973374	2204563	2153307	2112343	2094360	2089319	2087962	2087879	32	20	13	33	20	14	A
C	32	13	19	33	14	19	1637879	1678282	1801154	1973459	2401378	2276678	2232046	2212909	2207580	2206148	2206061	32	19	13	33	19	14	A
C	32	14	19	33	15	19	1709091	1745196	1855124	2008377	2255195	2276169	2232046	2212909	2207580	2206148	2206061	32	19	14	33	19	15	A
C	32	14	18	33	15	18	1709091	1745196	1855124	2008383	2294473	2398887	2345723	2325381	2319776	2318274	2318182	32	18	14	33	18	15	A
C	32	15	18	33	16	18	1781818	1814215	1912972	2050267	2278102	2389894	2345722	2325381	2319776	2318274	2318182	32	18	15	33	18	16	A
C	32	15	17	33	16	17	1781818	1814215	1912972	2050267	2281732	2561967	2453442	2431780	2425907	2424338	2424242	32	17	15	33	17	16	A
C	32	16	17	33	17	17	1856061	1885210	1974170	2097696	2301189	2480513	2453431	2431780	2425907	2424338	2424242	32	17	16	33	17	17	A
C	32	16	16	33	17	16	1856061	1885210	1974170	2097697	2301524	2657562	2555315	2532108	2525971	2524342	2524242	32	16	16	33	16	17	A
C	32	17	16	33	18	16	1931818	1958084	2038332	2149730	2331699	2531951	2555122	2532108	2525971	2524342	2524242	32	16	17	33	16	18	A
C	32	17	15	33	18	15	1931818	1958084	2038332	2149730	2331726	2579275	2652783	2626377	2619969	2618284	2618182	32	15	17	33	15	18	A
C	32	18	15	33	19	15	2009091	2032766	2105171	2205705	2369050	2557210	2649281	2626377	2619969	2618284	2618182	32	15	18	33	15	19	A
C	32	18	14	33	19	14	2009091	2032766	2105171	2205705	2369052	2561880	2770029	2714598	2707901	2706166	2706061	32	14	18	33	14	19	A
C	32	19	14	33	20	14	2087879	2109200	2174466	2265137	2412004	2580277	2727614	2714597	2707901	2706166	2706061	32	14	19	33	14	20	A
C	32	19	13	33	20	13	2087879	2109200	2174466	2265137	2412004	2580717	2870956	2796791	2789765	2787986	2787879	32	13	19	33	13	20	A
C	32	20	13	33	21	13	2168182	2187344	2246048	2327659	2459637	2609429	2777028	2796773	2789765	2787986	2787879	32	13	20	33	13	21	A
C	32	20	12	33	21	12	2168182	2187344	2246048	2327659	2459637	2609467	2827927	2872994	2865561	2863745	2863636	32	12	20	33	12	21	A
C	32	21	12	33	22	12	2250000	2267164	2319783	2392989	2511292	2644703	2803359	2872653	2865561	2863745	2863636	32	12	21	33	12	22	A
C	32	21	11	33	22	11	2250000	2267164	2319783	2392989	2511292	2644706	2808803	2946734	2935286	2933442	2933333	32	11	21	33	11	22	A
C	32	22	11	33	23	11	2333333	2348632	2395563	2460905	2566486	2685091	2825969	2939910	2935285	2933442	2933333	32	11	22	33	11	23	A
C	32	22	10	33	23	10	2333333	2348632	2395563	2460905	2566486	2685091	2826469	3036205	2998927	2997077	2996970	32	10	22	33	10	23	A
C	32	23	10	33	24	10	2418182	2431727	2473302	2531230	2624852	2729793	2853365	2990636	2998921	2997077	2996970	32	10	23	33	10	24	A
C	32	23	9	33	24	9	2418182	2431727	2473302	2531230	2624852	2729793	2853408	3061071	3056446	3054648	3054545	32	9	23	33	9	24	A
C	32	24	9	33	25	9	2504545	2516430	2552929	2603821	2686106	2778235	2886057	3020643	3056305	3054648	3054545	32	9	24	33	9	25	A
C	32	24	8	33	25	8	2504545	2516430	2552929	2603821	2686106	2778235	2886060	3033188	3109501	3106152	3106061	32	8	24	33	8	25	A
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B	32	2	31	33	3	30	954545	97619	20987	12242	8318	6654	5713	5100	4795	4603	4545	32	31	2	33	30	3	B
B	32	3	30	33	4	29	1009091	378213	43365	24816	16718	13333	11432	10200	9589	9207	9091	32	30	3	33	29	4	B
B	32	4	29	33	5	28	1065152	762440	75209	41976	28010	22264	19064	16999	15981	15344	15152	32	29	4	33	28	5	B
B	32	5	28	33	6	27	1122727	944405	127555	63991	42247	33457	28607	25497	23968	23015	22727	32	28	5	33	27	6	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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B	32	7	26	33	8	25	1242424	1139587	619796	123929	79776	62668	53419	47569	44721	42956	42424	32	26	7	33	25	8	B
B	32	8	25	33	9	24	1304545	1220224	884690	173920	103149	80689	68672	61131	57479	55223	54545	32	25	8	33	24	9	B
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B	32	10	23	33	11	22	1433333	1372448	1160340	641087	158697	123452	104780	93243	87725	84344	83333	32	23	10	33	22	11	B
B	32	11	22	33	12	21	1500000	1447024	1266202	912376	191746	148031	125558	111751	105191	101192	100000	32	22	11	33	21	12	B
B	32	12	21	33	13	20	1568182	1521589	1364580	1086633	262700	174438	148055	131849	124197	119560	118182	32	21	12	33	20	13	B
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B	32	19	14	33	20	13	2087879	2066212	1995303	1883538	1659608	1299484	450068	306281	296177	289691	287879	32	14	19	33	13	20	B
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B	32	22	11	33	23	10	2333333	2317808	2267175	2188074	2033376	1803000	1391380	407195	379915	382685	383333	32	11	22	33	10	23	B
B	32	23	10	33	24	9	2418182	2404441	2359663	2289842	2153924	1953799	1609923	653562	403049	415405	418182	32	10	23	33	9	24	B
B	32	24	9	33	25	8	2504545	2492492	2453239	2392132	2273608	2100555	1810091	1084055	419629	448251	454545	32	9	24	33	8	25	B
B	32	25	8	33	26	7	2592424	2581977	2547974	2495108	2392872	2244546	1999451	1448896	474963	480185	492424	32	8	25	33	7	26	B
B	32	26	7	33	27	6	2681818	2672908	2643922	2598906	2512059	2386677	2181764	1743890	759346	509052	531818	32	7	26	33	6	27	B
B	32	27	6	33	28	5	2772727	2765295	2741130	2703636	2631441	2527615	2359286	2009256	1284519	530300	572727	32	6	27	33	5	28	B
B	32	28	5	33	29	4	2865152	2859149	2839638	2809389	2751240	2667868	2533507	2258872	1744472	553298	615152	32	5	28	33	4	29	B
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B	32	31	2	33	32	1	3151450	3149522	3143239	3133486	3114785	3088113	3045573	2960761	2814297	2273353	751515	32	2	31	33	1	32	B
B	32	32	1	33	33	0	3249471	3249351	3246395	3243687	3237767	3228893	3214742	3186568	3138100	2965038	1600000	32	1	32	33	0	33	B
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	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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A	32	19	14	33	21	13	0	147	2545	11459	43310	116211	259115	280421	282102	286213	287879	32	14	19	33	13	21	C
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A	32	26	6	33	28	5	0	54	934	4196	15694	40954	95570	234711	583141	612149	572727	32	6	26	33	5	28	C
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A	32	27	5	33	29	4	0	44	761	3416	12773	33310	77596	189464	420827	714230	615152	32	5	27	33	4	29	C
A	32	28	5	33	30	4	0	34	596	2675	10000	26064	60646	147553	322162	660306	615152	32	5	28	33	4	30	C
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B	32	1	31	33	4	30	0	58840	20986	12242	8318	6654	5713	5100	4795	4603	4545	32	31	1	33	30	4	B
B	32	2	30	33	5	29	0	47830	43335	24816	16718	13333	11432	10200	9589	9207	9091	32	30	2	33	29	5	B
B	32	3	29	33	6	28	0	12244	74286	41976	28010	22264	19064	16999	15981	15344	15152	32	29	3	33	28	6	B
B	32	4	28	33	7	27	0	3860	106913	63988	42247	33457	28607	25497	23968	23015	22727	32	28	4	33	27	7	B
B	32	5	27	33	8	26	0	1910	99754	91064	59484	46924	40060	35688	33549	32219	31818	32	27	5	33	26	8	B
B	32	6	26	33	9	25	0	1086	41962	122300	79775	62668	53419	47569	44721	42956	42424	32	26	6	33	25	9	B
B	32	7	25	33	10	24	0	664	15431	147078	103147	80689	68672	61131	57479	55223	54545	32	25	7	33	24	10	B
B	32	8	24	33	11	23	0	429	8547	122620	129520	100966	85803	76361	71817	69020	68182	32	24	8	33	23	11	B
B	32	9	23	33	12	22	0	288	5525	53954	158218	123452	104780	93243	87725	84344	83333	32	23	9	33	22	12	B
B	32	10	22	33	13	21	0	200	3754	23051	184332	148030	125558	111751	105191	101192	100000	32	22	10	33	21	13	B
B	32	11	21	33	14	20	0	142	2635	14124	181404	174414	148055	131849	124197	119560	118182	32	21	11	33	20	14	B
B	32	12	20	33	15	19	0	103	1894	9754	109992	201695	172141	153483	144720	139441	137879	32	20	12	33	19	15	B
B	32	13	19	33	16	18	0	76	1386	6974	46027	225408	197584	176577	166723	160826	159091	32	19	13	33	18	16	B
B	32	14	18	33	17	17	0	56	1028	5093	25438	222480	223935	201012	190158	183705	181818	32	18	14	33	17	17	B
B	32	15	17	33	18	16	0	42	770	3774	17600	146796	250116	226611	214954	208061	206061	32	17	15	33	16	18	B
B	32	16	16	33	19	15	0	32	580	2824	12739	63592	272062	253084	241007	233869	231818	32	16	16	33	15	19	B
B	32	17	15	33	20	14	0	24	439	2125	9376	33947	269603	279939	268161	261096	259091	32	15	17	33	14	20	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	32	18	14	33	21	13	0	18	333	1603	6964	23321	190660	306227	296177	289691	287879	32	14	18	33	13	21	B
B	32	19	13	33	22	12	0	14	251	1209	5191	16816	84421	329514	324670	319578	318182	32	13	19	33	12	22	B
B	32	20	12	33	23	11	0	10	189	908	3866	12246	42312	339626	352982	350638	350000	32	12	20	33	11	23	B
B	32	21	11	33	24	10	0	8	141	677	2864	8928	28068	292692	379869	382685	383333	32	11	21	33	10	24	B
B	32	22	10	33	25	9	0	6	104	499	2101	6474	19649	154093	402277	415405	418182	32	10	22	33	9	25	B
B	32	23	9	33	26	8	0	4	76	362	1519	4638	13748	63410	407756	448251	454545	32	9	23	33	8	26	B
B	32	24	8	33	27	7	0	3	54	257	1074	3258	9495	35488	340287	480181	492424	32	8	24	33	7	27	B
B	32	25	7	33	28	6	0	2	37	176	737	2223	6398	22694	162749	508922	531818	32	7	25	33	6	28	B
B	32	26	6	33	29	5	0	1	24	116	484	1454	4144	14261	59579	527131	572727	32	6	26	33	5	29	B
B	32	27	5	33	30	4	0	1	15	72	298	893	2525	8501	29265	492401	615152	32	5	27	33	4	30	B
B	32	28	4	33	31	3	0	0	8	40	166	496	1394	4616	15158	273623	659091	32	4	28	33	3	31	B
B	32	29	3	33	32	2	0	0	4	19	77	230	645	2109	6729	66259	704545	32	3	29	33	2	32	B
B	32	30	2	33	33	1	0	0	1	6	24	72	200	647	2023	13595	751515	32	2	30	33	1	33	B
												$\Delta\tau$ = 5												
C	32	0	32	33	3	30	0	3148	241	75	25	10	4	1	0	0	0	32	32	0	33	30	3	A
C	32	1	32	33	4	30	0	1973	241	75	25	10	4	1	0	0	0	32	32	1	33	30	4	A
C	32	1	31	33	4	29	0	28518	1114	330	107	42	15	4	1	0	0	32	31	1	33	29	4	A
C	32	2	31	33	5	29	0	5982	1113	330	107	42	15	4	1	0	0	32	31	2	33	29	5	A
C	32	2	30	33	5	28	0	43187	3339	911	287	111	40	11	2	0	0	32	30	2	33	28	5	A
C	32	3	30	33	6	28	0	6050	3301	911	287	111	40	11	2	0	0	32	30	3	33	28	6	A
C	32	3	29	33	6	27	0	11941	9128	2044	619	236	85	22	5	0	0	32	29	3	33	27	6	A
C	32	4	29	33	7	27	0	3494	7788	2044	619	236	85	22	5	0	0	32	29	4	33	27	7	A
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C	32	5	28	33	8	26	0	1856	13777	4088	1178	441	159	41	9	1	0	32	28	5	33	26	8	A
C	32	5	27	33	8	25	0	1863	69238	7727	2065	758	271	70	15	1	0	32	27	5	33	25	8	A
C	32	6	27	33	9	25	0	1059	15552	7637	2065	758	271	70	15	1	0	32	27	6	33	25	9	A
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C	32	7	26	33	10	24	0	648	11746	13303	3433	1228	434	112	25	1	0	32	26	7	33	24	10	A
C	32	7	25	33	10	23	0	648	13990	40439	5515	1907	666	171	38	2	0	32	25	7	33	23	10	A
C	32	8	25	33	11	23	0	418	7615	19488	5514	1907	666	171	38	2	0	32	25	8	33	23	11	A
C	32	8	24	33	11	22	0	418	7720	75987	8706	2874	988	252	55	3	0	32	24	8	33	22	11	A
C	32	9	24	33	12	22	0	281	4977	20652	8683	2874	988	252	55	3	0	32	24	9	33	22	12	A
C	32	9	23	33	12	21	0	281	4982	43133	13921	4242	1428	361	79	5	0	32	23	9	33	21	12	A
C	32	10	23	33	13	21	0	195	3382	16180	13459	4241	1428	361	79	5	0	32	23	10	33	21	13	A
C	32	10	22	33	13	20	0	195	3382	18694	26423	6185	2027	508	111	6	0	32	22	10	33	20	13	A
C	32	11	22	33	14	20	0	139	2373	11246	19618	6184	2027	508	111	6	0	32	22	11	33	20	14	A
C	32	11	21	33	14	19	0	139	2373	11384	61085	8992	2839	702	153	9	0	32	21	11	33	19	14	A
C	32	12	21	33	15	19	0	100	1705	7828	23622	8978	2839	702	153	9	0	32	21	12	33	19	15	A
C	32	12	20	33	15	18	0	100	1705	7836	66065	13259	3944	959	208	12	0	32	20	12	33	18	15	A
C	32	13	20	33	16	18	0	74	1248	5593	21452	13020	3944	959	208	12	0	32	20	13	33	18	16	A
C	32	13	19	33	16	17	0	74	1248	5593	30620	22055	5461	1299	280	16	0	32	19	13	33	17	16	A
C	32	14	19	33	17	17	0	55	925	4081	16091	18291	5461	1299	280	16	0	32	19	14	33	17	17	A
C	32	14	18	33	17	16	0	55	925	4081	16818	47840	7587	1749	375	21	0	32	18	14	33	16	17	A
C	32	15	18	33	18	16	0	41	693	3022	11510	22321	7581	1749	375	21	0	32	18	15	33	16	18	A
C	32	15	17	33	18	15	0	41	693	3022	11550	63638	10697	2349	499	28	0	32	17	15	33	15	18	A
C	32	16	17	33	19	15	0	31	522	2261	8326	21153	10594	2349	499	28	0	32	17	16	33	15	19	A
C	32	16	16	33	19	14	0	31	522	2261	8328	32682	16354	3160	663	38	0	32	16	16	33	14	19	A
C	32	17	16	33	20	14	0	24	395	1701	6117	16329	14615	3160	663	38	0	32	16	17	33	14	20	A
C	32	17	15	33	20	13	0	24	395	1701	6117	17389	32952	4277	881	50	0	32	15	17	33	13	20	A
C	32	18	15	33	21	13	0	18	299	1283	4537	11764	18161	4276	881	50	0	32	15	18	33	13	21	A
C	32	18	14	33	21	12	0	18	299	1283	4537	11824	52440	5862	1174	66	0	32	14	18	33	12	21	A
C	32	19	14	33	22	12	0	14	226	967	3379	8475	17848	5850	1174	66	0	32	14	19	33	12	22	A
C	32	19	13	33	22	11	0	14	226	967	3379	8478	30296	8293	1575	88	0	32	13	19	33	11	22	A
C	32	20	13	33	23	11	0	10	170	726	2516	6155	13970	8082	1575	88	0	32	13	20	33	11	23	A
C	32	20	12	33	23	10	0	10	170	726	2516	6155	15266	13854	2138	118	0	32	12	20	33	10	23	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	32	21	12	33	24	10	0	8	127	541	1863	4479	9925	10767	2138	118	0	32	12	21	33	10	24	A
C	32	21	11	33	24	9	0	8	127	541	1863	4479	9995	29154	2956	159	0	32	11	21	33	9	24	A
C	32	22	11	33	25	9	0	6	94	399	1367	3244	6943	12054	2951	159	0	32	11	22	33	9	25	A
C	32	22	10	33	25	8	0	6	94	399	1367	3244	6947	29023	4243	218	0	32	10	22	33	8	25	A
C	32	23	10	33	26	8	0	4	68	289	988	2322	4841	10195	4144	218	0	32	10	23	33	8	26	A
C	32	23	9	33	26	7	0	4	68	289	988	2322	4841	13161	7259	306	0	32	9	23	33	7	26	A
C	32	24	9	33	27	7	0	3	48	205	698	1630	3335	7080	5622	306	0	32	9	24	33	7	27	A
C	32	24	8	33	27	6	0	3	48	205	698	1630	3335	7260	16058	441	0	32	8	24	33	6	27	A
C	32	25	8	33	28	6	0	2	33	141	479	1112	2244	4585	6216	441	0	32	8	25	33	6	28	A
C	32	25	7	33	28	5	0	2	33	141	479	1112	2244	4593	15291	664	0	32	7	25	33	5	28	A
C	32	26	7	33	29	5	0	1	22	93	315	727	1452	2870	4851	661	0	32	7	26	33	5	29	A
C	32	26	6	33	29	4	0	1	22	93	315	727	1452	2870	6145	1113	0	32	6	26	33	4	29	A
C	32	27	6	33	30	4	0	1	14	57	194	446	884	1706	2916	1010	0	32	6	27	33	4	30	A
C	32	27	5	33	30	3	0	1	14	57	194	446	884	1706	2974	2759	0	32	5	27	33	3	30	A
C	32	28	5	33	31	3	0	0	8	32	108	248	488	925	1525	1314	0	32	5	28	33	3	31	A
C	32	28	4	33	31	2	0	0	8	32	108	248	488	925	1526	4979	0	32	4	28	33	2	31	A
C	32	29	4	33	32	2	0	0	4	15	50	115	226	422	675	978	0	32	4	29	33	2	32	A
C	32	29	3	33	32	1	0	0	4	15	50	115	226	422	675	1665	0	32	3	29	33	1	32	A
C	32	30	3	33	33	1	0	0	1	5	16	36	70	129	202	324	0	32	3	30	33	1	33	A
C	32	30	2	33	33	0	0	0	1	5	16	36	70	129	202	342	0	32	2	30	33	0	33	A
												Δτ = 6												
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B	32	2	31	33	5	28	0	5521	105	19	4	1	0	0	0	0	0	32	31	2	33	28	5	B
B	32	3	30	33	6	27	0	6145	488	69	15	5	1	0	0	0	0	32	30	3	33	27	6	B
B	32	4	29	33	7	26	0	3579	2670	201	41	12	4	1	0	0	0	32	29	4	33	26	7	B
B	32	5	28	33	8	25	0	1903	10911	527	96	28	9	2	0	0	0	32	28	5	33	25	8	B
B	32	6	27	33	9	24	0	1085	16333	1427	207	59	18	4	1	0	0	32	27	6	33	24	9	B
B	32	7	26	33	10	23	0	664	12908	5218	423	115	34	8	2	0	0	32	26	7	33	23	10	B
B	32	8	25	33	11	22	0	429	8428	16777	843	213	62	14	3	0	0	32	25	8	33	22	11	B
B	32	9	24	33	12	21	0	288	5520	23934	1701	385	108	24	5	0	0	32	24	9	33	21	12	B
B	32	10	23	33	13	20	0	200	3754	19848	4131	683	185	41	8	0	0	32	23	10	33	20	13	B
B	32	11	22	33	14	19	0	142	2635	13949	13421	1211	310	67	14	1	0	32	22	11	33	19	14	B
B	32	12	21	33	15	18	0	103	1894	9745	29083	2189	514	108	22	1	0	32	21	12	33	18	15	B
B	32	13	20	33	16	17	0	76	1386	6974	31304	4534	851	173	35	2	0	32	20	13	33	17	16	B
B	32	14	19	33	17	16	0	56	1028	5093	24292	13173	1422	276	55	3	0	32	19	14	33	16	17	B
B	32	15	18	33	18	15	0	42	770	3774	17536	32108	2430	439	86	5	0	32	18	15	33	15	18	B
B	32	16	17	33	19	14	0	32	580	2824	12735	39001	4581	703	135	7	0	32	17	16	33	14	19	B
B	32	17	16	33	20	13	0	24	439	2125	9376	31755	12032	1140	213	11	0	32	16	17	33	13	20	B
B	32	18	15	33	21	12	0	18	333	1603	6964	23198	32618	1894	339	18	0	32	15	18	33	12	21	B
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B	32	20	13	33	23	10	0	10	189	908	3866	12246	38458	6976	904	47	0	32	13	20	33	10	23	B
B	32	21	12	33	24	9	0	8	141	677	2864	8928	27857	21104	1546	77	0	32	12	21	33	9	24	B
B	32	22	11	33	25	8	0	6	104	499	2101	6474	19638	46018	2800	131	0	32	11	22	33	8	25	B
B	32	23	10	33	26	7	0	4	76	362	1519	4638	13748	47685	6265	232	0	32	10	23	33	7	26	B
B	32	24	9	33	27	6	0	3	54	257	1074	3258	9495	34545	20872	433	0	32	9	24	33	6	27	B
B	32	25	8	33	28	5	0	2	37	176	737	2223	6398	22653	47797	869	0	32	8	25	33	5	28	B
B	32	26	7	33	29	4	0	1	24	116	484	1454	4144	14259	45870	2031	0	32	7	26	33	4	29	B
B	32	27	6	33	30	3	0	1	15	72	298	893	2525	8501	28659	7688	0	32	6	27	33	3	30	B
B	32	28	5	33	31	2	0	0	8	40	166	496	1394	4616	15140	31601	0	32	5	28	33	2	31	B
B	32	29	4	33	32	1	0	0	4	19	77	230	645	2109	6729	36560	0	32	4	29	33	1	32	B
B	32	30	3	33	33	0	0	0	1	6	24	72	200	647	2023	12886	0	32	3	30	33	0	33	B
												Δτ = 7												
A	32	0	32	33	4	29	0	24	2	1	0	0	0	0	0	0	0	32	32	0	33	29	4	C
A	32	1	32	33	5	29	0	5	2	1	0	0	0	0	0	0	0	32	32	1	33	29	5	C
A	32	1	31	33	5	28	0	130	10	4	2	1	0	0	0	0	0	32	31	1	33	28	5	C

											κ												
	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	
A	32	2	31	33	6	28	0	11	10	4	2	1	0	0	0	0	0	32	31	2	33	28	6 C
A	32	2	30	33	6	27	0	86	49	14	5	2	1	0	0	0	0	32	30	2	33	27	6 C
A	32	3	30	33	7	27	0	8	42	14	5	2	1	0	0	0	0	32	30	3	33	27	7 C
A	32	3	29	33	7	26	0	15	267	40	14	6	3	1	0	0	0	32	29	3	33	26	7 C
A	32	4	29	33	8	26	0	3	114	40	14	6	3	1	0	0	0	32	29	4	33	26	8 C
A	32	4	28	33	8	25	0	3	1053	105	34	14	6	2	0	0	0	32	28	4	33	25	8 C
A	32	5	28	33	9	25	0	1	183	104	34	14	6	2	0	0	0	32	28	5	33	25	9 C
A	32	5	27	33	9	24	0	1	1190	286	72	29	12	3	1	0	0	32	27	5	33	24	9 C
A	32	6	27	33	10	24	0	1	161	246	72	29	12	3	1	0	0	32	27	6	33	24	10 C
A	32	6	26	33	10	23	0	1	400	1042	148	57	22	6	1	0	0	32	26	6	33	23	10 C
A	32	7	26	33	11	23	0	0	94	485	148	57	22	6	1	0	0	32	26	7	33	23	11 C
A	32	7	25	33	11	22	0	0	112	3202	295	107	40	11	3	0	0	32	25	7	33	22	11 C
A	32	8	25	33	12	22	0	0	48	659	295	107	40	11	3	0	0	32	25	8	33	22	12 C
A	32	8	24	33	12	21	0	0	49	3350	596	192	70	19	4	0	0	32	24	8	33	21	12 C
A	32	9	24	33	13	21	0	0	25	567	576	192	70	19	4	0	0	32	24	9	33	21	13 C
A	32	9	23	33	13	20	0	0	25	1226	1448	342	120	33	7	0	0	32	23	9	33	20	13 C
A	32	10	23	33	14	20	0	0	14	353	1064	342	120	33	7	0	0	32	23	10	33	20	14 C
A	32	10	22	33	14	19	0	0	14	409	4650	606	201	53	12	1	0	32	22	10	33	19	14 C
A	32	11	22	33	15	19	0	0	8	199	1615	605	201	53	12	1	0	32	22	11	33	19	15 C
A	32	11	21	33	15	18	0	0	8	201	8820	1096	334	86	20	1	0	32	21	11	33	18	15 C
A	32	12	21	33	16	18	0	0	5	114	1711	1076	334	86	20	1	0	32	21	12	33	18	16 C
A	32	12	20	33	16	17	0	0	5	114	5450	2273	554	138	31	2	0	32	20	12	33	17	16 C
A	32	13	20	33	17	17	0	0	3	68	1263	1873	553	138	31	2	0	32	20	13	33	17	17 C
A	32	13	19	33	17	16	0	0	3	68	1826	6562	925	220	49	3	0	32	19	13	33	16	17 C
A	32	14	19	33	18	16	0	0	2	42	768	2840	924	220	49	3	0	32	19	14	33	16	18 C
A	32	14	18	33	18	15	0	0	2	42	803	14511	1582	351	77	5	0	32	18	14	33	15	18 C
A	32	15	18	33	19	15	0	0	1	26	452	3162	1566	351	77	5	0	32	18	15	33	15	19 C
A	32	15	17	33	19	14	0	0	1	26	453	11011	2986	562	121	7	0	32	17	15	33	14	19 C
A	32	16	17	33	20	14	0	0	1	17	272	2461	2658	562	121	7	0	32	17	16	33	14	20 C
A	32	16	16	33	20	13	0	0	1	17	272	3893	7825	913	191	11	0	32	16	16	33	13	20 C
A	32	17	16	33	21	13	0	0	1	11	167	1533	4102	913	191	11	0	32	16	17	33	13	21 C
A	32	17	15	33	21	12	0	0	1	11	167	1635	19842	1516	305	18	0	32	15	17	33	12	21 C
A	32	18	15	33	22	12	0	0	0	7	104	900	4810	1513	305	18	0	32	15	18	33	12	22 C
A	32	18	14	33	22	11	0	0	0	7	104	905	18644	2642	493	28	0	32	14	18	33	11	22 C
A	32	19	14	33	23	11	0	0	0	4	65	534	3896	2573	493	28	0	32	14	19	33	11	23 C
A	32	19	13	33	23	10	0	0	0	4	65	534	6886	5598	814	45	0	32	13	19	33	10	23 C
A	32	20	13	33	24	10	0	0	0	3	41	320	2419	4298	814	45	0	32	13	20	33	10	24 C
A	32	20	12	33	24	9	0	0	0	3	41	320	2652	16696	1392	75	0	32	12	20	33	9	24 C
A	32	21	12	33	25	9	0	0	0	2	25	192	1369	6026	1390	75	0	32	12	21	33	9	25 C
A	32	21	11	33	25	8	0	0	0	2	25	192	1379	30576	2523	128	0	32	11	21	33	8	25 C
A	32	22	11	33	26	8	0	0	0	1	15	114	766	5812	2463	128	0	32	11	22	33	8	26 C
A	32	22	10	33	26	7	0	0	0	1	15	114	766	16167	5652	226	0	32	10	22	33	7	26 C
A	32	23	10	33	27	7	0	0	0	1	9	67	426	3782	4327	226	0	32	10	23	33	7	27 C
A	32	23	9	33	27	6	0	0	0	1	9	67	426	4948	18573	422	0	32	9	23	33	6	27 C
A	32	24	9	33	28	6	0	0	0	0	5	37	231	1972	6214	422	0	32	9	24	33	6	28 C
A	32	24	8	33	28	5	0	0	0	0	5	37	231	2024	35265	847	0	32	8	24	33	5	28 C
A	32	25	8	33	29	5	0	0	0	0	3	20	120	950	5619	843	0	32	8	25	33	5	29 C
A	32	25	7	33	29	4	0	0	0	0	3	20	120	951	15991	1982	0	32	7	25	33	4	29 C
A	32	26	7	33	30	4	0	0	0	0	1	10	58	431	3060	1795	0	32	7	26	33	4	30 C
A	32	26	6	33	30	3	0	0	0	0	1	10	58	431	3921	7491	0	32	6	26	33	3	30 C
A	32	27	6	33	31	3	0	0	0	0	1	4	25	176	1200	3408	0	32	6	27	33	3	31 C
A	32	27	5	33	31	2	0	0	0	0	1	4	25	176	1224	28923	0	32	5	27	33	2	31 C
A	32	28	5	33	32	2	0	0	0	0	0	1	9	59	371	3517	0	32	5	28	33	2	32 C
A	32	28	4	33	32	1	0	0	0	0	0	1	9	59	372	19470	0	32	4	28	33	1	32 C
A	32	29	4	33	33	1	0	0	0	0	0	0	2	13	74	1158	0	32	4	29	33	1	33 C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	32	29	3	33	33	0	0	0	0	0	0	0	2	13	74	2032	0	32	3	29	33	0	33	C
												$\Delta\tau$ = 8												
B	32	0	32	33	5	29	0	194	16	3	1	0	0	0	0	0	0	32	32	0	33	29	5	B
B	32	1	31	33	6	28	0	411	104	19	4	1	0	0	0	0	0	32	31	1	33	28	6	B
B	32	2	30	33	7	27	0	170	416	69	15	5	1	0	0	0	0	32	30	2	33	27	7	B
B	32	3	29	33	8	26	0	21	1134	201	41	12	4	1	0	0	0	32	29	3	33	26	8	B
B	32	4	28	33	9	25	0	4	1749	521	96	28	9	2	0	0	0	32	28	4	33	25	9	B
B	32	5	27	33	10	24	0	1	1163	1230	207	59	18	4	1	0	0	32	27	5	33	24	10	B
B	32	6	26	33	11	23	0	0	288	2404	423	115	34	8	2	0	0	32	26	6	33	23	11	B
B	32	7	25	33	12	22	0	0	63	3095	841	213	62	14	3	0	0	32	25	7	33	22	12	B
B	32	8	24	33	13	21	0	0	22	1953	1643	385	108	24	5	0	0	32	24	8	33	21	13	B
B	32	9	23	33	14	20	0	0	9	540	3028	683	185	41	8	0	0	32	23	9	33	20	14	B
B	32	10	22	33	15	19	0	0	4	145	4494	1209	310	67	14	1	0	32	22	10	33	19	15	B
B	32	11	21	33	16	18	0	0	2	59	4129	2148	514	108	22	1	0	32	21	11	33	18	16	B
B	32	12	20	33	17	17	0	0	1	28	1758	3729	851	173	35	2	0	32	20	12	33	17	17	B
B	32	13	19	33	18	16	0	0	1	14	466	5559	1420	276	55	3	0	32	19	13	33	16	18	B
B	32	14	18	33	19	15	0	0	0	7	168	5539	2406	439	86	5	0	32	18	14	33	15	19	B
B	32	15	17	33	20	14	0	0	0	4	79	2700	4074	703	135	7	0	32	17	15	33	14	20	B
B	32	16	16	33	21	13	0	0	0	2	40	739	6206	1140	213	11	0	32	16	16	33	13	21	B
B	32	17	15	33	22	12	0	0	0	1	20	252	6695	1890	339	18	0	32	15	17	33	12	22	B
B	32	18	14	33	23	11	0	0	0	1	11	114	3659	3210	547	29	0	32	14	18	33	11	23	B
B	32	19	13	33	24	10	0	0	0	0	6	56	1004	5338	904	47	0	32	13	19	33	10	24	B
B	32	20	12	33	25	9	0	0	0	0	3	28	305	7266	1543	77	0	32	12	20	33	9	25	B
B	32	21	11	33	26	8	0	0	0	0	2	14	126	5804	2733	131	0	32	11	21	33	8	26	B
B	32	22	10	33	27	7	0	0	0	0	1	7	56	1946	4784	232	0	32	10	22	33	7	27	B
B	32	23	9	33	28	6	0	0	0	0	0	3	24	435	6682	433	0	32	9	23	33	6	28	B
B	32	24	8	33	29	5	0	0	0	0	0	1	10	132	4944	864	0	32	8	24	33	5	29	B
B	32	25	7	33	30	4	0	0	0	0	0	1	4	45	1286	1839	0	32	7	25	33	4	30	B
B	32	26	6	33	31	3	0	0	0	0	0	0	1	14	201	3472	0	32	6	26	33	3	31	B
B	32	27	5	33	32	2	0	0	0	0	0	0	0	4	37	3327	0	32	5	27	33	2	32	B
B	32	28	4	33	33	1	0	0	0	0	0	0	0	1	5	639	0	32	4	28	33	1	33	B
												$\Delta\tau$ = 9												
C	32	0	32	33	5	28	0	171	1	0	0	0	0	0	0	0	0	32	32	0	33	28	5	A
C	32	1	32	33	6	28	0	14	1	0	0	0	0	0	0	0	0	32	32	1	33	28	6	A
C	32	1	31	33	6	27	0	398	12	1	0	0	0	0	0	0	0	32	31	1	33	27	6	A
C	32	2	31	33	7	27	0	21	11	1	0	0	0	0	0	0	0	32	31	2	33	27	7	A
C	32	2	30	33	7	26	0	166	116	4	0	0	0	0	0	0	0	32	30	2	33	26	7	A
C	32	3	30	33	8	26	0	10	49	4	0	0	0	0	0	0	0	32	30	3	33	26	8	A
C	32	3	29	33	8	25	0	21	734	17	1	0	0	0	0	0	0	32	29	3	33	25	8	A
C	32	4	29	33	9	25	0	3	123	16	1	0	0	0	0	0	0	32	29	4	33	25	9	A
C	32	4	28	33	9	24	0	3	1504	62	4	1	0	0	0	0	0	32	28	4	33	24	9	A
C	32	5	28	33	10	24	0	1	154	54	4	1	0	0	0	0	0	32	28	5	33	24	10	A
C	32	5	27	33	10	23	0	1	1043	311	11	1	0	0	0	0	0	32	27	5	33	23	10	A
C	32	6	27	33	11	23	0	0	104	144	11	1	0	0	0	0	0	32	27	6	33	23	11	A
C	32	6	26	33	11	22	0	0	259	1346	27	3	0	0	0	0	0	32	26	6	33	22	11	A
C	32	7	26	33	12	22	0	0	48	264	27	3	0	0	0	0	0	32	26	7	33	22	12	A
C	32	7	25	33	12	21	0	0	57	2339	70	7	1	0	0	0	0	32	25	7	33	21	12	A
C	32	8	25	33	13	21	0	0	20	291	68	7	1	0	0	0	0	32	25	8	33	21	13	A
C	32	8	24	33	13	20	0	0	20	1554	215	16	2	0	0	0	0	32	24	8	33	20	13	A
C	32	9	24	33	14	20	0	0	9	199	158	16	2	0	0	0	0	32	24	9	33	20	14	A
C	32	9	23	33	14	19	0	0	9	432	892	34	3	0	0	0	0	32	23	9	33	19	14	A
C	32	10	23	33	15	19	0	0	4	100	305	34	3	0	0	0	0	32	23	10	33	19	15	A
C	32	10	22	33	15	18	0	0	4	116	2404	74	7	0	0	0	0	32	22	10	33	18	15	A
C	32	11	22	33	16	18	0	0	2	46	408	73	7	0	0	0	0	32	22	11	33	18	16	A
C	32	11	21	33	16	17	0	0	2	47	2612	189	14	1	0	0	0	32	21	11	33	17	16	A

J K₋₁ K₊₁ — J K₋₁ K₊₁					κ						J K₋₁ K₊₁ — J K₋₁ K₊₁
	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	
C 32 12 21 33 17 17	0	0	1	22	351	156	14	1	0	0	0	32 21 12 33 17 17 A
C 32 12 20 33 17 16	0	0	1	22	1140	686	27	1	0	0	0	32 20 12 33 16 17 A
C 32 13 20 33 18 16	0	0	1	11	209	294	27	1	0	0	0	32 20 13 33 16 18 A
C 32 13 19 33 18 15	0	0	1	11	303	2069	56	3	0	0	0	32 19 13 33 15 18 A
C 32 14 19 33 19 15	0	0	0	6	104	408	56	3	0	0	0	32 19 14 33 15 19 A
C 32 14 18 33 19 14	0	0	0	6	109	2643	129	5	0	0	0	32 18 14 33 14 19 A
C 32 15 18 33 20 14	0	0	0	3	51	372	115	5	0	0	0	32 18 15 33 14 20 A
C 32 15 17 33 20 13	0	0	0	3	51	1345	420	10	0	0	0	32 17 15 33 13 20 A
C 32 16 17 33 21 13	0	0	0	2	26	233	219	10	0	0	0	32 17 16 33 13 21 A
C 32 16 16 33 21 12	0	0	0	2	26	370	1418	20	1	0	0	32 16 16 33 12 21 A
C 32 17 16 33 22 12	0	0	0	1	13	118	320	20	1	0	0	32 16 17 33 12 22 A
C 32 17 15 33 22 11	0	0	0	1	13	126	2173	43	2	0	0	32 15 17 33 11 22 A
C 32 18 15 33 23 11	0	0	0	0	7	57	309	42	2	0	0	32 15 18 33 11 23 A
C 32 18 14 33 23 10	0	0	0	0	7	57	1271	113	3	0	0	32 14 18 33 10 23 A
C 32 19 14 33 24 10	0	0	0	0	4	28	198	86	3	0	0	32 14 19 33 10 24 A
C 32 19 13 33 24 9	0	0	0	0	4	28	351	431	7	0	0	32 13 19 33 9 24 A
C 32 20 13 33 25 9	0	0	0	0	2	14	97	152	7	0	0	32 13 20 33 9 25 A
C 32 20 12 33 25 8	0	0	0	0	2	14	107	1159	15	0	0	32 12 20 33 8 25 A
C 32 21 12 33 26 8	0	0	0	0	1	7	44	185	14	0	0	32 12 21 33 8 26 A
C 32 21 11 33 26 7	0	0	0	0	1	7	44	1128	42	0	0	32 11 21 33 7 26 A
C 32 22 11 33 27 7	0	0	0	0	0	3	20	137	32	0	0	32 11 22 33 7 27 A
C 32 22 10 33 27 6	0	0	0	0	0	3	20	389	182	0	0	32 10 22 33 6 27 A
C 32 23 10 33 28 6	0	0	0	0	0	2	9	66	60	0	0	32 10 23 33 6 28 A
C 32 23 9 33 28 5	0	0	0	0	0	2	9	87	534	1	0	32 9 23 33 5 28 A
C 32 24 9 33 29 5	0	0	0	0	0	1	4	26	70	1	0	32 9 24 33 5 29 A
C 32 24 8 33 29 4	0	0	0	0	0	1	4	26	483	2	0	32 8 24 33 4 29 A
C 32 25 8 33 30 4	0	0	0	0	0	0	1	9	44	2	0	32 8 25 33 4 30 A
C 32 25 7 33 30 3	0	0	0	0	0	0	1	9	128	9	0	32 7 25 33 3 30 A
C 32 26 7 33 31 3	0	0	0	0	0	0	0	3	16	4	0	32 7 26 33 3 31 A
C 32 26 6 33 31 2	0	0	0	0	0	0	0	3	20	53	0	32 6 26 33 2 31 A
C 32 27 6 33 32 2	0	0	0	0	0	0	0	1	4	6	0	32 6 27 33 2 32 A
C 32 27 5 33 32 1	0	0	0	0	0	0	0	1	4	79	0	32 5 27 33 1 32 A
C 32 28 5 33 33 1	0	0	0	0	0	0	0	0	1	3	0	32 5 28 33 1 33 A
C 32 28 4 33 33 0	0	0	0	0	0	0	0	0	1	16	0	32 4 28 33 0 33 A
						$\Delta\tau$ = 10						
B 32 1 32 33 6 27	0	14	0	0	0	0	0	0	0	0	0	32 32 1 33 27 6 B
B 32 2 31 33 7 26	0	21	4	0	0	0	0	0	0	0	0	32 31 2 33 26 7 B
B 32 3 30 33 8 25	0	11	39	1	0	0	0	0	0	0	0	32 30 3 33 25 8 B
B 32 4 29 33 9 24	0	3	130	3	0	0	0	0	0	0	0	32 29 4 33 24 9 B
B 32 5 28 33 10 23	0	1	170	21	1	0	0	0	0	0	0	32 28 5 33 23 10 B
B 32 6 27 33 11 22	0	0	116	126	2	0	0	0	0	0	0	32 27 6 33 22 11 B
B 32 7 26 33 12 21	0	0	53	311	5	0	0	0	0	0	0	32 26 7 33 21 12 B
B 32 8 25 33 13 20	0	0	22	362	21	1	0	0	0	0	0	32 25 8 33 20 13 B
B 32 9 24 33 14 19	0	0	9	249	110	3	0	0	0	0	0	32 24 9 33 19 14 B
B 32 10 23 33 15 18	0	0	4	125	385	8	1	0	0	0	0	32 23 10 33 18 15 B
B 32 11 22 33 16 17	0	0	2	58	609	26	1	0	0	0	0	32 22 11 33 17 16 B
B 32 12 21 33 17 16	0	0	1	28	537	114	4	0	0	0	0	32 21 12 33 16 17 B
B 32 13 20 33 18 15	0	0	1	14	321	436	9	0	0	0	0	32 20 13 33 15 18 B
B 32 14 19 33 19 14	0	0	0	7	160	774	24	1	0	0	0	32 19 14 33 14 19 B
B 32 15 18 33 20 13	0	0	0	4	78	740	96	2	0	0	0	32 18 15 33 13 20 B
B 32 16 17 33 21 12	0	0	0	2	40	465	406	5	0	0	0	32 17 16 33 12 21 B
B 32 17 16 33 22 11	0	0	0	1	20	236	842	11	0	0	0	32 16 17 33 11 22 B
B 32 18 15 33 23 10	0	0	0	1	11	114	873	37	1	0	0	32 15 18 33 10 23 B
B 32 19 14 33 24 9	0	0	0	0	6	56	564	174	2	0	0	32 14 19 33 9 24 B
B 32 20 13 33 25 8	0	0	0	0	3	28	278	605	6	0	0	32 13 20 33 8 25 B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	32	21	12	33	26	7	0	0	0	0	2	14	126	893	22	0	0	32	12	21	33	7	26	B
B	32	22	11	33	27	6	0	0	0	0	1	7	56	680	122	0	0	32	11	22	33	6	27	B
B	32	23	10	33	28	5	0	0	0	0	0	3	24	332	476	0	0	32	10	23	33	5	28	B
B	32	24	9	33	29	4	0	0	0	0	0	1	10	128	685	2	0	32	9	24	33	4	29	B
B	32	25	8	33	30	3	0	0	0	0	0	1	4	45	442	12	0	32	8	25	33	3	30	B
B	32	26	7	33	31	2	0	0	0	0	0	0	1	14	156	98	0	32	7	26	33	2	31	B
B	32	27	6	33	32	1	0	0	0	0	0	0	0	4	36	230	0	32	6	27	33	1	32	B
B	32	28	5	33	33	0	0	0	0	0	0	0	0	1	5	110	0	32	5	28	33	0	33	B
												$\Delta\tau$ = 11												
A	32	1	31	33	7	26	0	1	0	0	0	0	0	0	0	0	0	32	31	1	33	26	7	C
A	32	2	30	33	8	25	0	0	4	0	0	0	0	0	0	0	0	32	30	2	33	25	8	C
A	32	3	30	33	9	25	0	0	1	0	0	0	0	0	0	0	0	32	30	3	33	25	9	C
A	32	3	29	33	9	24	0	0	13	1	0	0	0	0	0	0	0	32	29	3	33	24	9	C
A	32	4	29	33	10	24	0	0	1	1	0	0	0	0	0	0	0	32	29	4	33	24	10	C
A	32	4	28	33	10	23	0	0	16	4	0	0	0	0	0	0	0	32	28	4	33	23	10	C
A	32	5	28	33	11	23	0	0	1	2	0	0	0	0	0	0	0	32	28	5	33	23	11	C
A	32	5	27	33	11	22	0	0	8	25	1	0	0	0	0	0	0	32	27	5	33	22	11	C
A	32	6	27	33	12	22	0	0	1	5	1	0	0	0	0	0	0	32	27	6	33	22	12	C
A	32	6	26	33	12	21	0	0	2	62	2	0	0	0	0	0	0	32	26	6	33	21	12	C
A	32	7	26	33	13	21	0	0	0	7	2	0	0	0	0	0	0	32	26	7	33	21	13	C
A	32	7	25	33	13	20	0	0	0	68	7	1	0	0	0	0	0	32	25	7	33	20	13	C
A	32	8	25	33	14	20	0	0	0	6	5	1	0	0	0	0	0	32	25	8	33	20	14	C
A	32	8	24	33	14	19	0	0	0	34	38	2	0	0	0	0	0	32	24	8	33	19	14	C
A	32	9	24	33	15	19	0	0	0	4	13	2	0	0	0	0	0	32	24	9	33	19	15	C
A	32	9	23	33	15	18	0	0	0	8	134	4	0	0	0	0	0	32	23	9	33	18	15	C
A	32	10	23	33	16	18	0	0	0	1	22	4	0	0	0	0	0	32	23	10	33	18	16	C
A	32	10	22	33	16	17	0	0	0	2	208	13	1	0	0	0	0	32	22	10	33	17	16	C
A	32	11	22	33	17	17	0	0	0	1	24	11	1	0	0	0	0	32	22	11	33	17	17	C
A	32	11	21	33	17	16	0	0	0	1	159	57	2	0	0	0	0	32	21	11	33	16	17	C
A	32	12	21	33	18	16	0	0	0	0	17	24	2	0	0	0	0	32	21	12	33	16	18	C
A	32	12	20	33	18	15	0	0	0	0	55	217	6	0	0	0	0	32	20	12	33	15	18	C
A	32	13	20	33	19	15	0	0	0	0	8	42	6	0	0	0	0	32	20	13	33	15	19	C
A	32	13	19	33	19	14	0	0	0	0	12	381	16	1	0	0	0	32	19	13	33	14	19	C
A	32	14	19	33	20	14	0	0	0	0	3	48	14	1	0	0	0	32	19	14	33	14	20	C
A	32	14	18	33	20	13	0	0	0	0	4	325	63	2	0	0	0	32	18	14	33	13	20	C
A	32	15	18	33	21	13	0	0	0	0	1	35	33	2	0	0	0	32	18	15	33	13	21	C
A	32	15	17	33	21	12	0	0	0	0	1	128	264	4	0	0	0	32	17	15	33	12	21	C
A	32	16	17	33	22	12	0	0	0	0	1	18	59	4	0	0	0	32	17	16	33	12	22	C
A	32	16	16	33	22	11	0	0	0	0	1	28	541	9	0	0	0	32	16	16	33	11	22	C
A	32	17	16	33	23	11	0	0	0	0	0	7	71	9	0	0	0	32	16	17	33	11	23	C
A	32	17	15	33	23	10	0	0	0	0	0	8	516	29	1	0	0	32	15	17	33	10	23	C
A	32	18	15	33	24	10	0	0	0	0	0	3	54	22	1	0	0	32	15	18	33	10	24	C
A	32	18	14	33	24	9	0	0	0	0	0	3	225	139	2	0	0	32	14	18	33	9	24	C
A	32	19	14	33	25	9	0	0	0	0	0	1	27	49	2	0	0	32	14	19	33	9	25	C
A	32	19	13	33	25	8	0	0	0	0	0	1	49	482	6	0	0	32	13	19	33	8	25	C
A	32	20	13	33	26	8	C	0	0	0	0	0	11	75	5	0	0	32	13	20	33	8	26	C
A	32	20	12	33	26	7	0	0	0	0	0	0	12	692	20	0	0	32	12	20	33	7	26	C
A	32	21	12	33	27	7	0	0	0	0	0	0	4	70	15	0	0	32	12	21	33	7	27	C
A	32	21	11	33	27	6	0	0	0	0	0	0	4	437	110	0	0	32	11	21	33	6	27	C
A	32	22	11	33	28	6	0	0	0	0	0	0	1	38	36	0	0	32	11	22	33	6	28	C
A	32	22	10	33	28	5	0	0	0	0	0	0	1	110	428	0	0	32	10	22	33	5	28	C
A	32	23	10	33	29	5	0	0	0	0	0	0	0	14	55	0	0	32	10	23	33	5	29	C
A	32	23	9	33	29	4	0	0	0	0	0	0	0	18	599	2	0	32	9	23	33	4	29	C
A	32	24	9	33	30	4	0	0	0	0	0	0	0	4	45	1	0	32	9	24	33	4	30	C
A	32	24	8	33	30	3	0	0	0	0	0	0	0	4	316	11	0	32	8	24	33	3	30	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	32	25	8	33	31	3	0	0	0	0	0	0	0	1	18	5	0	32	8	25	33	3	31	C
A	32	25	7	33	31	2	0	0	0	0	0	0	0	1	53	96	0	32	7	25	33	2	31	C
A	32	26	7	33	32	2	0	0	0	0	0	0	0	0	4	11	0	32	7	26	33	2	32	C
A	32	26	6	33	32	1	0	0	0	0	0	0	0	0	5	223	0	32	6	26	33	1	32	C
A	32	27	6	33	33	1	0	0	0	0	0	0	0	0	0	7	0	32	6	27	33	1	33	C
A	32	27	5	33	33	0	0	0	0	0	0	0	0	0	0	99	0	32	5	27	33	0	33	C
												$\Delta\tau$ = 12												
B	32	0	32	33	7	27	0	1	0	0	0	0	0	0	0	0	0	32	32	0	33	27	7	B
B	32	1	31	33	8	26	0	1	2	0	0	0	0	0	0	0	0	32	31	1	33	26	8	B
B	32	2	30	33	9	25	0	0	7	1	0	0	0	0	0	0	0	32	30	2	33	25	9	B
B	32	3	29	33	10	24	0	0	13	3	0	0	0	0	0	0	0	32	29	3	33	24	10	B
B	32	4	28	33	11	23	0	0	12	10	1	0	0	0	0	0	0	32	28	4	33	23	11	B
B	32	5	27	33	12	22	0	0	5	25	2	0	0	0	0	0	0	32	27	5	33	22	12	B
B	32	6	26	33	13	21	0	0	1	36	5	0	0	0	0	0	0	32	26	6	33	21	13	B
B	32	7	25	33	14	20	0	0	0	30	15	1	0	0	0	0	0	32	25	7	33	20	14	B
B	32	8	24	33	15	19	0	0	0	12	37	3	0	0	0	0	0	32	24	8	33	19	15	B
B	32	9	23	33	16	18	0	0	0	2	64	8	1	0	0	0	0	32	23	9	33	18	16	B
B	32	10	22	33	17	17	0	0	0	0	68	21	1	0	0	0	0	32	22	10	33	17	17	B
B	32	11	21	33	18	16	0	0	0	0	41	49	4	0	0	0	0	32	21	11	33	16	18	B
B	32	12	20	33	19	15	0	0	0	0	11	84	9	0	0	0	0	32	20	12	33	15	19	B
B	32	13	19	33	20	14	0	0	0	0	2	94	22	1	0	0	0	32	19	13	33	14	20	B
B	32	14	18	33	21	13	0	0	0	0	1	62	50	2	0	0	0	32	18	14	33	13	21	B
B	32	15	17	33	22	12	0	0	0	0	0	20	90	5	0	0	0	32	17	15	33	12	22	B
B	32	16	16	33	23	11	0	0	0	0	0	4	108	11	0	0	0	32	16	16	33	11	23	B
B	32	17	15	33	24	10	0	0	0	0	0	1	76	28	1	0	0	32	15	17	33	10	24	B
B	32	18	14	33	25	9	0	0	0	0	0	0	26	61	2	0	0	32	14	18	33	9	25	B
B	32	19	13	33	26	8	0	0	0	0	0	0	4	93	6	0	0	32	13	19	33	8	26	B
B	32	20	12	33	27	7	0	0	0	0	0	0	1	84	17	0	0	32	12	20	33	7	27	B
B	32	21	11	33	28	6	0	0	0	0	0	0	0	39	40	0	0	32	11	21	33	6	28	B
B	32	22	10	33	29	5	0	0	0	0	0	0	0	7	61	0	0	32	10	22	33	5	29	B
B	32	23	9	33	30	4	0	0	0	0	0	0	0	1	49	1	0	32	9	23	33	4	30	B
B	32	24	8	33	31	3	0	0	0	0	0	0	0	0	16	5	0	32	8	24	33	3	31	B
B	32	25	7	33	32	2	0	0	0	0	0	0	0	0	2	11	0	32	7	25	33	2	32	B
B	32	26	6	33	33	1	0	0	0	0	0	0	0	0	0	7	0	32	6	26	33	1	33	B
												$\Delta\tau$ = 13												
C	32	0	32	33	7	26	0	1	0	0	0	0	0	0	0	0	0	32	32	0	33	26	7	A
C	32	1	31	33	8	25	0	1	1	0	0	0	0	0	0	0	0	32	31	1	33	25	8	A
C	32	2	30	33	9	24	0	0	6	0	0	0	0	0	0	0	0	32	30	2	33	24	9	A
C	32	3	30	33	10	24	0	0	1	0	0	0	0	0	0	0	0	32	30	3	33	24	10	A
C	32	3	29	33	10	23	0	0	11	1	0	0	0	0	0	0	0	32	29	3	33	23	10	A
C	32	4	29	33	11	23	0	0	1	0	0	0	0	0	0	0	0	32	29	4	33	23	11	A
C	32	4	28	33	11	22	0	0	11	6	0	0	0	0	0	0	0	32	28	4	33	22	11	A
C	32	5	28	33	12	22	0	0	1	1	0	0	0	0	0	0	0	32	28	5	33	22	12	A
C	32	5	27	33	12	21	0	0	4	18	0	0	0	0	0	0	0	32	27	5	33	21	12	A
C	32	6	27	33	13	21	0	0	0	2	0	0	0	0	0	0	0	32	27	6	33	21	13	A
C	32	6	26	33	13	20	0	0	1	29	1	0	0	0	0	0	0	32	26	6	33	20	13	A
C	32	7	26	33	14	20	0	0	0	3	0	0	0	0	0	0	0	32	26	7	33	20	14	A
C	32	7	25	33	14	19	0	0	0	24	5	0	0	0	0	0	0	32	25	7	33	19	14	A
C	32	8	25	33	15	19	0	0	0	2	2	0	0	0	0	0	0	32	25	8	33	19	15	A
C	32	8	24	33	15	18	0	0	0	10	20	0	0	0	0	0	0	32	24	8	33	18	15	A
C	32	9	24	33	16	18	0	0	0	1	3	0	0	0	0	0	0	32	24	9	33	18	16	A
C	32	9	23	33	16	17	0	0	0	2	40	1	0	0	0	0	0	32	23	9	33	17	16	A
C	32	10	23	33	17	17	0	0	0	0	5	1	0	0	0	0	0	32	23	10	33	17	17	A
C	32	10	22	33	17	16	0	0	0	0	44	4	0	0	0	0	0	32	22	10	33	16	17	A
C	32	11	22	33	18	16	0	0	0	0	4	2	0	0	0	0	0	32	22	11	33	16	18	A

											κ													
	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	32	11	21	33	18	15	0	0	0	0	26	18	0	0	0	0	0	32	21	11	33	15	18	A
C	32	12	21	33	19	15	0	0	0	0	2	4	0	0	0	0	0	32	21	12	33	15	19	A
C	32	12	20	33	19	14	0	0	0	0	7	40	0	0	0	0	0	32	20	12	33	14	19	A
C	32	13	20	33	20	14	0	0	0	0	1	5	0	0	0	0	0	32	20	13	33	14	20	A
C	32	13	19	33	20	13	0	0	0	0	1	47	2	0	0	0	0	32	19	13	33	13	20	A
C	32	14	19	33	21	13	0	0	0	0	0	5	1	0	0	0	0	32	19	14	33	13	21	A
C	32	14	18	33	21	12	0	0	0	0	0	31	11	0	0	0	0	32	18	14	33	12	21	A
C	32	15	18	33	22	12	0	0	0	0	0	3	3	0	0	0	0	32	18	15	33	12	22	A
C	32	15	17	33	22	11	0	0	0	0	0	10	29	0	0	0	0	32	17	15	33	11	22	A
C	32	16	17	33	23	11	0	0	0	0	0	1	4	0	0	0	0	32	17	16	33	11	23	A
C	32	16	16	33	23	10	0	0	0	0	0	2	37	0	0	0	0	32	16	16	33	10	23	A
C	32	17	16	33	24	10	0	0	0	0	0	0	4	0	0	0	0	32	16	17	33	10	24	A
C	32	17	15	33	24	9	0	0	0	0	0	0	26	2	0	0	0	32	15	17	33	9	24	A
C	32	18	15	33	25	9	0	0	0	0	0	0	2	1	0	0	0	32	15	18	33	9	25	A
C	32	18	14	33	25	8	0	0	0	0	0	0	9	10	0	0	0	32	14	18	33	8	25	A
C	32	19	14	33	26	8	0	0	0	0	0	0	1	2	0	0	0	32	14	19	33	8	26	A
C	32	19	13	33	26	7	0	0	0	0	0	0	2	18	0	0	0	32	13	19	33	7	26	A
C	32	20	13	33	27	7	0	0	0	0	0	0	0	2	0	0	0	32	13	20	33	7	27	A
C	32	20	12	33	27	6	0	0	0	0	0	0	0	17	1	0	0	32	12	20	33	6	27	A
C	32	21	12	33	28	6	0	0	0	0	0	0	0	1	0	0	0	32	12	21	33	6	28	A
C	32	21	11	33	28	5	0	0	0	0	0	0	0	8	3	0	0	32	11	21	33	5	28	A
C	32	22	11	33	29	5	0	0	0	0	0	0	0	1	0	0	0	32	11	22	33	5	29	A
C	32	22	10	33	29	4	0	0	0	0	0	0	0	1	6	0	0	32	10	22	33	4	29	A
C	32	23	9	33	30	3	0	0	0	0	0	0	0	0	5	0	0	32	9	23	33	3	30	A
C	32	24	8	33	31	2	0	0	0	0	0	0	0	0	2	0	0	32	8	24	33	2	31	A
												$\Delta\tau$ = 14												
B	32	3	30	33	10	23	0	0	1	0	0	0	0	0	0	0	0	32	30	3	33	23	10	B
B	32	4	29	33	11	22	0	0	1	0	0	0	0	0	0	0	0	32	29	4	33	22	11	B
B	32	5	28	33	12	21	0	0	1	1	0	0	0	0	0	0	0	32	28	5	33	21	12	B
B	32	6	27	33	13	20	0	0	0	3	0	0	0	0	0	0	0	32	27	6	33	20	13	B
B	32	7	26	33	14	19	0	0	0	3	0	0	0	0	0	0	0	32	26	7	33	19	14	B
B	32	8	25	33	15	18	0	0	0	2	2	0	0	0	0	0	0	32	25	8	33	18	15	B
B	32	9	24	33	16	17	0	0	0	1	5	0	0	0	0	0	0	32	24	9	33	17	16	B
B	32	10	23	33	17	16	0	0	0	0	7	0	0	0	0	0	0	32	23	10	33	16	17	B
B	32	11	22	33	18	15	0	0	0	0	6	2	0	0	0	0	0	32	22	11	33	15	18	B
B	32	12	21	33	19	14	0	0	0	0	4	7	0	0	0	0	0	32	21	12	33	14	19	B
B	32	13	20	33	20	13	0	0	0	0	1	10	0	0	0	0	0	32	20	13	33	13	20	B
B	32	14	19	33	21	12	0	0	0	0	0	9	2	0	0	0	0	32	19	14	33	12	21	B
B	32	15	18	33	22	11	0	0	0	0	0	5	7	0	0	0	0	32	18	15	33	11	22	B
B	32	16	17	33	23	10	0	0	0	0	0	2	11	0	0	0	0	32	17	16	33	10	23	B
B	32	17	16	33	24	9	0	0	0	0	0	1	10	1	0	0	0	32	16	17	33	9	24	B
B	32	18	15	33	25	8	0	0	0	0	0	0	6	3	0	0	0	32	15	18	33	8	25	B
B	32	19	14	33	26	7	0	0	0	0	0	0	3	7	0	0	0	32	14	19	33	7	26	B
B	32	20	13	33	27	6	0	0	0	0	0	0	1	9	0	0	0	32	13	20	33	6	27	B
B	32	21	12	33	28	5	0	0	0	0	0	0	0	6	2	0	0	32	12	21	33	5	28	B
B	32	22	11	33	29	4	0	0	0	0	0	0	0	3	4	0	0	32	11	22	33	4	29	B
B	32	23	10	33	30	3	0	0	0	0	0	0	0	1	4	0	0	32	10	23	33	3	30	B
B	32	24	9	33	31	2	0	0	0	0	0	0	0	0	2	0	0	32	9	24	33	2	31	B
B	32	25	8	33	32	1	0	0	0	0	0	0	0	0	1	0	0	32	8	25	33	1	32	B
												$\Delta\tau$ = 15												
A	32	5	27	33	13	20	0	0	0	1	0	0	0	0	0	0	0	32	27	5	33	20	13	C
A	32	6	26	33	14	19	0	0	0	1	0	0	0	0	0	0	0	32	26	6	33	19	14	C
A	32	7	25	33	15	18	0	0	0	0	1	0	0	0	0	0	0	32	25	7	33	18	15	C
A	32	8	24	33	16	17	0	0	0	0	2	0	0	0	0	0	0	32	24	8	33	17	16	C
A	32	9	23	33	17	16	0	0	0	0	2	0	0	0	0	0	0	32	23	9	33	16	17	C

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
A 32 10 22 33 18 15	0	0	0	0	2	1	0	0	0	0	0	32 22 10 33 15 18 C
A 32 11 21 33 19 14	0	0	0	0	1	3	0	0	0	0	0	32 21 11 33 14 19 C
A 32 12 20 33 20 13	0	0	0	0	0	5	0	0	0	0	0	32 20 12 33 13 20 C
A 32 13 19 33 21 12	0	0	0	0	0	4	1	0	0	0	0	32 19 13 33 12 21 C
A 32 14 18 33 22 11	0	0	0	0	0	2	4	0	0	0	0	32 18 14 33 11 22 C
A 32 15 18 33 23 11	0	0	0	0	0	0	1	0	0	0	0	32 18 15 33 11 23 C
A 32 15 17 33 23 10	0	0	0	0	0	1	7	0	0	0	0	32 17 15 33 10 23 C
A 32 16 17 33 24 10	0	0	0	0	0	0	1	0	0	0	0	32 17 16 33 10 24 C
A 32 16 16 33 24 9	0	0	0	0	0	0	7	0	0	0	0	32 16 16 33 9 24 C
A 32 17 16 33 25 9	0	0	0	0	0	0	1	0	0	0	0	32 16 17 33 9 25 C
A 32 17 15 33 25 8	0	0	0	0	0	0	4	3	0	0	0	32 15 17 33 8 25 C
A 32 18 14 33 26 7	0	0	0	0	0	0	1	6	0	0	0	32 14 18 33 7 26 C
A 32 19 14 33 27 7	0	0	0	0	0	0	0	1	0	0	0	32 14 19 33 7 27 C
A 32 19 13 33 27 6	0	0	0	0	0	0	0	7	0	0	0	32 13 19 33 6 27 C
A 32 20 12 33 28 5	0	0	0	0	0	0	0	5	2	0	0	32 12 20 33 5 28 C
A 32 21 11 33 29 4	0	0	0	0	0	0	0	2	4	0	0	32 11 21 33 4 29 C
A 32 22 10 33 30 3	0	0	0	0	0	0	0	0	4	0	0	32 10 22 33 3 30 C
A 32 23 9 33 31 2	0	0	0	0	0	0	0	0	2	0	0	32 9 23 33 2 31 C
						Δτ = 16						
B 32 8 24 33 17 17	0	0	0	0	1	0	0	0	0	0	0	32 24 8 33 17 17 B
B 32 9 23 33 18 16	0	0	0	0	1	0	0	0	0	0	0	32 23 9 33 16 18 B
B 32 11 21 33 20 14	0	0	0	0	0	1	0	0	0	0	0	32 21 11 33 14 20 B
B 32 12 20 33 21 13	0	0	0	0	0	1	0	0	0	0	0	32 20 12 33 13 21 B
B 32 13 19 33 22 12	0	0	0	0	0	1	0	0	0	0	0	32 19 13 33 12 22 B
B 32 14 18 33 23 11	0	0	0	0	0	0	1	0	0	0	0	32 18 14 33 11 23 B
B 32 15 17 33 24 10	0	0	0	0	0	0	1	0	0	0	0	32 17 15 33 10 24 B
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B 32 19 13 33 28 6	0	0	0	0	0	0	0	1	0	0	0	32 13 19 33 6 28 B
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C 33 27 6 33 28 6	546390	538685	514950	481683	427511	366393	294533	202054	115613	205784	214973	33 6 27 33 6 28 A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
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C	33	29	4	33	30	4	376203	371128	355497	333599	297978	257892	211044	151996	96857	72182	95544	33	4	29	33	4	30	A
A	33	30	4	33	30	3	5374331	5374211	5372252	5364992	5339394	5283138	5161468	4852010	4208572	1698076	1657086	33	4	30	33	3	30	C
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A	33	31	3	33	31	2	5738592	5738504	5737134	5732048	5714119	5674760	5589840	5375320	4938686	3013587	1666043	33	3	31	33	2	31	C
C	33	31	2	33	32	2	194073	191552	183787	172911	155228	135349	112170	83147	56700	24291	23886	33	2	31	33	2	32	A
A	33	32	2	33	32	1	6114669	6114649	6113889	6110908	6100341	6077114	6027083	5901249	5648186	4620303	1672014	33	2	32	33	1	32	C
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B	33	17	17	33	18	16	1218182	1244025	1327778	1457868	1715360	2058250	1828338	1536121	1390909	1297703	1268939	33	17	17	33	16	18	B
B	33	17	16	33	18	15	1218182	1244025	1327778	1457868	1715436	2278925	1959574	1616052	1452999	1348853	1316711	33	16	17	33	15	18	B
B	33	18	16	33	19	15	1164439	1187715	1263167	1380142	1608974	1952719	1947374	1616051	1452999	1348853	1316711	33	16	18	33	15	19	B
B	33	18	15	33	19	14	1164439	1187715	1263167	1380142	1608980	1974836	2188825	1699350	1514651	1397611	1361497	33	15	18	33	14	19	B
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B	33	19	14	33	20	13	1107709	1128699	1196750	1302127	1506692	1815297	2595251	1788655	1576715	1444168	1403298	33	14	19	33	13	20	B
B	33	20	14	33	21	13	1047995	1066917	1128277	1223226	1406618	1677198	2054271	1788457	1576715	1444168	1403298	33	14	20	33	13	21	B
B	33	20	13	33	21	12	1047995	1066917	1128277	1223226	1406618	1677329	2376089	1888824	1640422	1488794	1442112	33	13	20	33	12	21	B
B	33	21	13	33	22	12	985294	1002324	1057558	1142990	1307451	1547026	1940563	1886213	1640422	1488794	1442112	33	13	21	33	12	22	B
B	33	21	12	33	22	11	985294	1002324	1057558	1142990	1307451	1547035	1980503	2021397	1707634	1531879	1477941	33	12	21	33	11	22	B
B	33	22	12	33	23	11	919608	934885	984443	1061077	1208272	1420890	1774393	1986713	1707626	1531879	1477941	33	12	22	33	11	23	B
B	33	22	11	33	23	10	919608	934885	984443	1061077	1208272	1420891	1777170	2348414	1781332	1574009	1510784	33	11	22	33	10	23	B
B	33	23	11	33	24	10	850936	864572	908814	977218	1108411	1296860	1605814	2039010	1781183	1574009	1510784	33	11	23	33	10	24	B
B	33	23	10	33	24	9	850936	864572	908814	977218	1108411	1296860	1606016	2604869	1867056	1616088	1540642	33	10	23	33	9	24	B
B	33	24	10	33	25	9	779278	791363	830577	891202	1007363	1173600	1442984	1957113	1864762	1616088	1540642	33	10	24	33	9	25	B
B	33	24	9	33	25	8	779278	791363	830577	891202	1007363	1173600	1442998	2122661	1986856	1659585	1567513	33	9	24	33	8	25	B
B	33	25	9	33	26	8	704635	715240	749655	802860	904736	1050172	1284049	1760486	1953496	1659584	1567513	33	9	25	33	8	26	B
B	33	25	8	33	26	7	704635	715240	749655	802860	904736	1050172	1284050	1772862	2317821	1707000	1591399	33	8	25	33	7	26	B
B	33	26	8	33	27	7	627005	636187	665985	712053	800225	925890	1126981	1534639	1987539	1706987	1591399	33	8	26	33	7	27	B
B	33	26	7	33	27	6	627005	636187	665985	712053	800225	925890	1126981	1535377	2605207	1762973	1612299	33	7	26	33	6	27	B
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B	33	28	5	33	29	4	462790	469248	490209	522617	584616	672821	813236	1093026	1583491	2023783	1645143	33	5	28	33	4	29	B
B	33	29	5	33	30	4	376203	381343	398025	423817	473156	543317	654868	876229	1255788	1879150	1645143	33	5	29	33	4	30	B
B	33	29	4	33	30	3	376203	381343	398025	423817	473156	543317	654868	876229	1256262	2585289	1657086	33	4	29	33	3	30	B
B	33	30	4	33	31	3	286631	290471	302935	322206	359068	411474	494732	659561	940467	1724392	1657086	33	4	30	33	3	31	B
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B	33	31	3	33	32	2	194073	196627	204915	217729	242241	277084	332416	441824	627643	1243364	1666043	33	3	31	33	2	32	B
B	33	31	2	33	32	1	194071	196630	204915	217729	242241	277084	332416	441824	627643	1274443	1672014	33	2	31	33	1	32	B
B	33	32	2	33	33	1	98522	99807	103944	110341	122579	139974	167593	222176	314753	628831	1672014	33	2	32	33	1	33	B
B	33	32	1	33	33	0	98604	99803	103987	110360	122579	139974	167593	222176	314753	629340	3350000	33	1	32	33	0	33	B
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C	33	17	17	33	18	15	1218182	1192615	1113379	1000062	801738	432102	56873	13996	3052	175	0	33	17	17	33	15	18	A
A	33	17	16	33	19	15	0	118	2043	9301	36614	120714	750698	1040842	1185679	1284873	1316711	33	16	17	33	15	19	C
C	33	18	16	33	19	14	1164439	1141421	1070198	968933	795955	550065	75806	17210	3732	214	0	33	16	18	33	14	19	A
A	33	18	15	33	20	14	0	96	1666	7568	29513	85650	624465	1046917	1213650	1325691	1361497	33	15	18	33	14	20	C
C	33	19	15	33	20	13	1107709	1086961	1022836	932040	779321	585508	135233	21271	4575	262	0	33	15	19	33	13	20	A
A	33	19	14	33	21	13	0	78	1353	6133	23747	67271	363574	1038818	1234968	1362725	1403298	33	14	19	33	13	21	C
C	33	20	14	33	21	12	1047995	1029294	971553	890038	754337	590163	269499	26514	5637	322	0	33	14	20	33	12	21	A
A	33	20	13	33	22	12	0	63	1091	4939	19019	53114	174963	1007537	1248150	1395693	1442112	33	13	20	33	12	22	C

	J	K₋₁	K₊₁	J	K₋₁	K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K₋₁	K₊₁	J	K₋₁	K₊₁	
C	33	21	13	33	22	11	985294	968467	916547	843406	722507	579993	369354	33762	6998	398	0	33	13	21	33	11	22	A
A	33	21	12	33	23	11	0	50	872	3943	15119	41767	112883	920924	1250790	1424183	1477941	33	12	21	33	11	23	C
C	33	22	12	33	23	10	919608	904515	857969	792504	684826	559918	397256	50001	8783	496	0	33	12	22	33	10	23	A
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C	33	23	11	33	24	9	850936	837466	795940	737604	641988	532226	396090	103643	11192	626	0	33	11	23	33	9	24	A
A	33	23	10	33	25	9	0	31	536	2419	9221	25094	64333	325209	1201466	1464844	1540642	33	10	23	33	9	25	C
C	33	24	10	33	25	8	779278	767342	730554	678919	594499	498267	381793	185084	14682	802	0	33	10	24	33	8	25	A
A	33	24	9	33	26	8	0	24	409	1845	7016	18993	48044	158321	1102612	1474336	1567513	33	9	24	33	8	26	C
C	33	25	9	33	26	7	704635	694161	661888	616619	542739	458924	358923	218065	22666	1051	0	33	9	25	33	7	26	A
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C	33	26	8	33	27	6	627005	617938	590003	550837	487000	414815	329457	216692	50590	1415	0	33	8	26	33	6	27	A
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C	33	29	5	33	30	3	376203	371128	355497	333599	297978	257892	211044	151996	96770	7188	0	33	5	29	33	3	30	A
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C	33	31	3	33	32	1	194069	191549	183786	172911	155228	135349	112170	83147	56700	23087	0	33	3	31	33	1	32	A
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C	33	32	2	33	33	0	98513	97271	93368	87956	79137	69216	57652	43189	30054	14075	0	33	2	32	33	0	33	A
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C	33	18	15	33	21	13	0	10	174	757	2812	8367	63229	21267	4575	262	0	33	15	18	33	13	21	A
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C	33	23	10	33	26	8	0	1	24	103	359	889	2091	11190	14315	802	0	33	10	23	33	8	26	A
A	33	24	10	33	26	7	0	24	409	1845	7016	18993	48043	134943	20057	832	0	33	10	24	33	7	26	C
C	33	24	9	33	27	7	0	1	15	64	223	546	1238	3906	17003	1051	0	33	9	24	33	7	27	A
A	33	25	9	33	27	6	0	18	304	1372	5206	14034	35129	102331	61660	1451	0	33	9	25	33	6	27	C
C	33	25	8	33	28	6	0	1	9	39	133	323	711	1859	13308	1415	0	33	8	25	33	6	28	A
A	33	26	8	33	28	5	0	13	219	986	3736	10035	24911	71302	132576	2727	0	33	8	26	33	5	28	C
C	33	26	7	33	29	5	0	0	5	22	75	180	388	939	4505	1974	0	33	7	26	33	5	29	A
A	33	27	7	33	29	4	0	9	150	676	2560	6856	16904	47446	125977	5969	0	33	7	27	33	4	29	C
C	33	27	6	33	30	4	0	0	3	11	39	93	196	449	1223	2782	0	33	6	27	33	4	30	A
A	33	28	6	33	30	3	0	6	96	434	1641	4383	10748	29694	81665	21125	0	33	6	28	33	3	30	C
C	33	28	5	33	31	3	0	0	1	5	18	42	88	193	428	3066	0	33	5	28	33	3	31	A
A	33	29	5	33	31	2	0	3	56	251	948	2529	6172	16836	45285	81457	0	33	5	29	33	2	31	C
C	33	29	4	33	32	2	0	0	0	2	6	15	32	67	137	1196	0	33	4	29	33	2	32	A
A	33	30	4	33	32	1	0	2	27	121	458	1218	2962	7998	21029	91046	0	33	4	30	33	1	32	C
C	33	30	3	33	33	1	0	0	0	0	1	3	7	15	29	121	0	33	3	30	33	1	33	A
A	33	31	3	33	33	0	0	1	9	39	148	392	950	2544	6569	32469	0	33	3	31	33	0	33	C

					κ						
J $K_{-1}K_{+1}$—J $K_{-1}K_{+1}$	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J $K_{-1}K_{+1}$—J $K_{-1}K_{+1}$
						Δτ = 6						
B 33 15 18 33 18 15	0	31	573	2877	14931	132546	14931	2877	573	31	0	33 18 15 33 15 18 B
B 33 16 18 33 19 15	0	22	399	1980	9676	33696	14785	2877	573	31	0	33 18 16 33 15 19 B
B 33 16 17 33 19 14	0	22	399	1980	9684	76098	25353	4217	826	45	0	33 17 16 33 14 19 B
B 33 17 17 33 20 14	0	15	278	1369	6438	25274	22587	4217	826	45	0	33 17 17 33 14 20 B
B 33 17 16 33 20 13	0	15	278	1369	6439	30618	59113	6275	1200	65	0	33 16 17 33 13 20 B
B 33 18 16 33 21 13	0	11	193	946	4329	16514	31323	6274	1200	65	0	33 16 18 33 13 21 B
B 33 18 15 33 21 12	0	11	193	946	4329	16822	126009	9568	1764	95	0	33 15 18 33 12 21 B
B 33 19 15 33 22 12	0	7	134	651	2920	10561	33378	9549	1764	95	0	33 15 19 33 12 22 B
B 33 19 14 33 22 11	0	7	134	651	2920	10577	92041	15296	2640	140	0	33 14 19 33 11 22 B
B 33 20 14 33 23 11	0	5	92	444	1964	6805	25815	14898	2640	140	0	33 14 20 33 11 23 B
B 33 20 13 33 23 10	0	5	92	444	1964	6805	34993	29649	4045	211	0	33 13 20 33 10 23 B
B 33 21 13 33 24 10	0	3	62	300	1309	4395	16473	22798	4045	211	0	33 13 21 33 10 24 B
B 33 21 12 33 24 9	0	3	62	300	1309	4395	17045	79518	6417	325	0	33 12 21 33 9 24 B
B 33 22 12 33 25 9	0	2	41	199	859	2818	9967	29288	6406	325	0	33 12 22 33 9 25 B
B 33 22 11 33 25 8	0	2	41	199	859	2818	9994	122159	10792	516	0	33 11 22 33 8 25 B
B 33 23 11 33 26 8	0	1	27	128	552	1778	5980	26397	10535	516	0	33 11 23 33 8 26 B
B 33 23 10 33 26 7	0	1	27	128	552	1778	5982	55768	22385	854	0	33 10 23 33 7 26 B
B 33 24 10 33 27 7	0	1	17	80	344	1092	3539	16961	17151	854	0	33 10 24 33 7 27 B
B 33 24 9 33 27 6	0	1	17	80	344	1092	3539	19640	67338	1488	0	33 9 24 33 6 27 B
B 33 25 9 33 28 6	0	1	10	48	205	645	2032	9211	22829	1488	0	33 9 25 33 6 28 B
B 33 25 8 33 28 5	0	1	10	48	205	645	2032	9321	111068	2798	0	33 8 25 33 5 28 B
B 33 26 8 33 29 5	0	0	6	27	116	360	1110	4696	19444	2783	0	33 8 26 33 5 29 B
B 33 26 7 33 29 4	0	0	6	27	116	360	1110	4700	44769	6127	0	33 7 26 33 4 29 B
B 33 27 7 33 30 4	0	0	3	14	60	185	561	2248	10458	5549	0	33 7 27 33 4 30 B
B 33 27 6 33 30 3	0	0	3	14	60	185	561	2248	12266	21651	0	33 6 27 33 3 30 B
B 33 28 6 33 31 3	0	0	1	6	27	84	250	964	4239	9862	0	33 6 28 33 3 31 B
B 33 28 5 33 31 2	0	0	1	6	27	84	250	964	4288	77017	0	33 5 28 33 2 31 B
B 33 29 5 33 32 2	0	0	0	2	10	31	90	336	1374	9567	0	33 5 29 33 2 32 B
B 33 29 4 33 32 1	0	0	0	2	10	31	90	336	1375	46170	0	33 4 29 33 1 32 B
B 33 30 4 33 33 1	0	0	0	1	2	7	20	74	287	3042	0	33 4 30 33 1 33 B
B 33 30 3 33 33 0	0	0	0	1	2	7	20	74	287	4856	0	33 3 30 33 0 33 B
						Δτ = 7						
A 33 15 18 33 19 15	0	0	1	20	382	12358	9568	2300	515	31	0	33 18 15 33 15 19 C
C 33 16 18 33 19 14	0	21	359	1584	6275	15826	790	34	2	0	0	33 18 16 33 14 19 A
A 33 16 17 33 20 14	0	0	1	12	206	4612	14527	3371	743	44	0	33 17 16 33 14 20 C
C 33 17 17 33 20 13	0	15	250	1095	4179	12452	2313	61	3	0	0	33 17 17 33 13 20 A
A 33 17 16 33 21 13	0	0	0	7	115	1448	19550	5014	1080	63	0	33 16 17 33 13 21 C
C 33 18 16 33 21 12	0	10	174	757	2812	8211	7060	112	5	0	0	33 16 18 33 12 21 A
A 33 18 15 33 22 12	0	0	0	4	65	646	17607	7623	1588	92	0	33 15 18 33 12 22 C
C 33 19 15 33 22 11	0	7	120	521	1897	5266	10659	217	8	0	0	33 15 19 33 11 22 A
A 33 19 14 33 23 11	0	0	0	2	37	334	7538	11865	2375	137	0	33 14 19 33 11 23 C
C 33 20 14 33 23 10	0	5	83	355	1276	3397	8866	520	15	0	0	33 14 20 33 10 23 A
A 33 20 13 33 24 10	0	0	0	1	21	177	2147	17994	3639	206	0	33 13 20 33 10 24 C
C 33 21 13 33 24 9	0	3	56	240	851	2195	5731	1827	29	0	0	33 13 21 33 9 24 A
A 33 21 12 33 25 9	0	0	0	1	12	94	827	21886	5759	317	0	33 12 21 33 9 25 C
C 33 22 12 33 25 8	0	2	37	159	558	1409	3479	4609	61	0	0	33 12 22 33 8 25 A
A 33 22 11 33 26 8	0	0	0	0	6	50	387	14647	9457	504	0	33 11 22 33 8 26 C
C 33 23 11 33 26 7	0	1	24	103	359	889	2090	5066	161	0	0	33 11 23 33 7 26 A
A 33 23 10 33 27 7	0	0	0	0	3	25	184	4275	15302	832	0	33 10 23 33 7 27 C
C 33 24 10 33 27 6	0	1	15	64	223	546	1238	3364	650	1	0	33 10 24 33 6 27 A
A 33 24 9 33 28 6	0	0	0	0	2	13	86	1103	19485	1451	0	33 9 24 33 6 28 C
C 33 25 9 33 28 5	0	1	9	39	133	323	711	1837	1808	2	0	33 9 25 33 5 28 A
A 33 25 8 33 29 5	0	0	0	0	1	6	38	388	12512	2712	0	33 8 25 33 5 29 C
C 33 26 8 33 29 4	0	0	5	22	75	180	388	938	1882	5	0	33 8 26 33 4 29 A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	33	26	7	33	30	4	0	0	0	0	0	2	16	142	2909	5404	0	33	7	26	33	4	30	C
C	33	27	7	33	30	3	0	0	3	11	39	93	196	449	1041	27	0	33	7	27	33	3	30	A
A	33	27	6	33	31	3	0	0	0	0	0	1	6	47	508	9528	0	33	6	27	33	3	31	C
C	33	28	6	33	31	2	0	0	1	5	18	42	88	193	423	151	0	33	6	28	33	2	31	A
A	33	28	5	33	32	2	0	0	0	0	0	0	2	12	105	8398	0	33	5	28	33	2	32	C
C	33	29	5	33	32	1	0	0	0	2	6	15	32	67	137	227	0	33	5	29	33	1	32	A
A	33	29	4	33	33	1	0	0	0	0	0	0	0	2	15	1439	0	33	4	29	33	1	33	C
C	33	30	4	33	33	0	0	0	0	0	1	3	7	15	29	76	0	33	4	30	33	0	33	A
												Δτ = 9												
A	33	15	19	33	19	14	0	0	1	20	378	2286	107	5	0	0	0	33	19	15	33	14	19	C
C	33	15	18	33	20	14	0	0	0	2	43	1464	703	34	2	0	0	33	18	15	33	14	20	A
A	33	16	18	33	20	13	0	0	1	12	206	1962	384	10	0	0	0	33	18	16	33	13	20	C
C	33	16	17	33	21	13	0	0	0	1	19	438	1200	61	3	0	0	33	17	16	33	13	21	A
A	33	17	17	33	21	12	0	0	0	7	115	1192	1454	22	1	0	0	33	17	17	33	12	21	C
C	33	17	16	33	22	12	0	0	0	1	9	112	1533	111	5	0	0	33	16	17	33	12	22	A
A	33	18	16	33	22	11	0	0	0	4	65	634	2708	51	2	0	0	33	16	18	33	11	22	C
C	33	18	15	33	23	11	0	0	0	0	4	41	1138	211	8	0	0	33	15	18	33	11	23	A
A	33	19	15	33	23	10	0	0	0	2	37	333	2550	148	4	0	0	33	15	19	33	10	23	C
C	33	19	14	33	24	10	0	0	0	0	2	17	384	399	15	0	0	33	14	19	33	10	24	A
A	33	20	14	33	24	9	0	0	0	1	21	177	1575	643	10	0	0	33	14	20	33	9	24	C
C	33	20	13	33	25	9	0	0	0	0	1	8	87	641	29	0	0	33	13	20	33	9	25	A
A	33	21	13	33	25	8	0	0	0	1	12	94	799	2048	25	0	0	33	13	21	33	8	25	C
C	33	21	12	33	26	8	0	0	0	0	0	3	27	674	60	0	0	33	12	21	33	8	26	A
A	33	22	12	33	26	7	0	0	0	0	6	50	386	2769	82	0	0	33	12	22	33	7	26	C
C	33	22	11	33	27	7	0	0	0	0	0	1	10	346	123	0	0	33	11	22	33	7	27	A
A	33	23	11	33	27	6	0	0	0	0	3	25	184	1974	421	0	0	33	11	23	33	6	27	C
C	33	23	10	33	28	6	0	0	0	0	0	1	4	75	212	1	0	33	10	23	33	6	28	A
A	33	24	10	33	28	5	0	0	0	0	2	13	86	951	1527	1	0	33	10	24	33	5	28	C
C	33	24	9	33	29	5	0	0	0	0	0	0	1	14	222	2	0	33	9	24	33	5	29	A
A	33	25	9	33	29	4	0	0	0	0	1	6	38	383	2035	5	0	33	9	25	33	4	29	C
C	33	25	8	33	30	4	0	0	0	0	0	0	0	4	99	5	0	33	8	25	33	4	30	A
A	33	26	8	33	30	3	0	0	0	0	0	2	16	141	1237	36	0	33	8	26	33	3	30	C
C	33	26	7	33	31	3	0	0	0	0	0	0	C	1	15	12	0	33	7	26	33	3	31	A
A	33	27	7	33	31	2	0	0	0	0	0	1	6	47	433	289	0	33	7	27	33	2	31	C
C	33	27	6	33	32	2	0	0	0	0	0	0	0	0	2	17	0	33	6	27	33	2	32	A
A	33	28	6	33	32	1	0	0	0	0	0	0	2	12	104	634	0	33	6	28	33	1	32	C
C	33	28	5	33	33	1	0	0	0	0	0	0	0	0	0	7	0	33	5	28	33	1	33	A
A	33	29	5	33	33	0	0	0	0	0	0	0	0	2	15	285	0	33	5	29	33	0	33	C
												Δτ = 10												
B	33	14	19	33	19	14	0	0	0	6	165	4352	165	6	0	0	0	33	19	14	33	14	19	B
B	33	15	19	33	20	14	0	0	0	3	66	568	147	6	0	0	0	33	19	15	33	14	20	B
B	33	15	18	33	20	13	0	0	0	3	66	2914	591	12	0	0	0	33	18	15	33	13	20	B
B	33	16	18	33	21	13	0	0	0	1	30	375	307	12	0	0	0	33	18	16	33	13	21	B
B	33	16	17	33	21	12	0	0	0	1	30	876	2231	27	1	0	0	33	17	16	33	12	21	B
B	33	17	17	33	22	12	0	0	0	1	14	184	499	27	1	0	0	33	17	17	33	12	22	B
B	33	17	16	33	22	11	0	0	0	1	14	223	4049	63	2	0	0	33	16	17	33	11	22	B
B	33	18	16	33	23	11	0	0	0	0	7	80	540	62	2	0	0	33	16	18	33	11	23	B
B	33	18	15	33	23	10	0	0	0	0	7	82	3224	185	5	0	0	33	15	18	33	10	23	B
B	33	19	15	33	24	10	0	0	0	0	3	35	375	142	5	0	0	33	15	19	33	10	24	B
B	33	19	14	33	24	9	0	0	0	0	3	35	1097	804	11	0	0	33	14	19	33	9	24	B
B	33	20	14	33	25	9	0	0	0	0	1	15	182	283	11	0	0	33	14	20	33	9	25	B
B	33	20	13	33	25	8	0	0	0	0	1	15	247	2545	28	0	0	33	13	20	33	8	25	B
B	33	21	13	33	26	8	0	0	0	0	1	7	73	396	27	0	0	33	13	21	33	8	26	B
B	33	21	12	33	26	7	0	0	0	0	1	7	76	3266	91	0	0	33	12	21	33	7	26	B
B	33	22	12	33	27	7	0	0	0	0	0	3	28	337	70	0	0	33	12	22	33	7	27	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	33	22	11	33	27	6	0	0	0	0	0	3	28	1726	468	0	0	33	11	22	33	6	27	B
B	33	23	11	33	28	6	0	0	0	0	0	1	11	174	153	0	0	33	11	23	33	6	28	B
B	33	23	10	33	28	5	0	0	0	0	0	1	11	376	1690	1	0	33	10	23	33	5	28	B
B	33	24	10	33	29	5	0	0	0	0	0	0	4	62	218	1	0	33	10	24	33	5	29	B
B	33	24	9	33	29	4	0	0	0	0	0	0	4	72	2159	6	0	33	9	24	33	4	29	B
B	33	25	9	33	30	4	0	0	0	0	0	0	1	18	165	5	0	33	9	25	33	4	30	B
B	33	25	8	33	30	3	0	0	0	0	0	0	1	18	988	37	0	33	8	25	33	3	30	B
B	33	26	8	33	31	3	0	0	0	0	0	0	0	5	63	17	0	33	8	26	33	3	31	B
B	33	26	7	33	31	2	0	0	0	0	0	0	0	5	149	296	0	33	7	26	33	2	31	B
B	33	27	7	33	32	2	0	0	0	0	0	0	0	1	13	33	0	33	7	27	33	2	32	B
B	33	27	6	33	32	1	0	0	0	0	0	0	0	1	15	645	0	33	6	27	33	1	32	B
B	33	28	6	33	33	1	0	0	0	0	0	0	0	0	1	21	0	33	6	28	33	1	33	B
B	33	28	5	33	33	0	0	0	0	0	0	0	0	0	1	264	0	33	5	28	33	0	33	B
												$\Delta\tau$ = 11												
A	33	14	19	33	20	14	0	0	0	0	4	270	96	5	0	0	0	33	19	14	33	14	20	C
C	33	15	19	33	20	13	0	0	0	2	43	282	15	0	0	0	0	33	19	15	33	13	20	A
A	33	15	18	33	21	13	0	0	0	0	1	139	200	10	0	0	0	33	18	15	33	13	21	C
C	33	16	18	33	21	12	0	0	0	1	19	187	70	0	0	0	0	33	18	16	33	12	21	A
A	33	16	17	33	22	12	0	0	0	0	0	34	323	22	1	0	0	33	17	16	33	12	22	C
C	33	17	17	33	22	11	0	0	0	1	9	92	161	1	0	0	0	33	17	17	33	11	22	A
A	33	17	16	33	23	11	0	0	0	0	0	7	341	49	2	0	0	33	16	17	33	11	23	C
C	33	18	16	33	23	10	0	0	0	0	4	40	187	2	0	0	0	33	16	18	33	10	23	A
A	33	18	15	33	24	10	0	0	0	0	0	2	200	113	4	0	0	33	15	18	33	10	24	C
C	33	19	15	33	24	9	0	0	0	0	2	17	131	11	0	0	0	33	15	19	33	9	24	A
A	33	19	14	33	25	9	0	0	0	0	0	1	53	227	10	0	0	33	14	19	33	9	25	C
C	33	20	14	33	25	8	0	0	0	0	1	8	64	45	0	0	0	33	14	20	33	8	25	A
A	33	20	13	33	26	8	0	0	0	0	0	0	10	315	25	0	0	33	13	20	33	8	26	C
C	33	21	13	33	26	7	0	0	0	0	0	3	26	77	0	0	0	33	13	21	33	7	26	A
A	33	21	12	33	27	7	0	0	0	0	0	0	2	254	63	0	0	33	12	21	33	7	27	C
C	33	22	12	33	27	6	0	0	0	0	0	1	10	67	3	0	0	33	12	22	33	6	27	A
A	33	22	11	33	28	6	0	0	0	0	0	0	1	97	138	0	0	33	11	22	33	6	28	C
C	33	23	11	33	28	5	0	0	0	0	0	1	4	35	12	0	0	33	11	23	33	5	28	A
A	33	23	10	33	29	5	0	0	0	0	0	0	0	16	195	1	0	33	10	23	33	5	29	C
C	33	24	10	33	29	4	0	0	0	0	0	0	1	12	21	0	0	33	10	24	33	4	29	A
A	33	24	9	33	30	4	0	0	0	0	0	0	0	2	142	5	0	33	9	24	33	4	30	C
C	33	25	9	33	30	3	0	0	0	0	0	0	0	4	16	0	0	33	9	25	33	3	30	A
A	33	25	8	33	31	3	0	0	0	0	0	0	0	0	41	16	0	33	8	25	33	3	31	C
C	33	26	8	33	31	2	0	0	0	0	0	0	0	1	6	0	0	33	8	26	33	2	31	A
A	33	26	7	33	32	2	0	0	0	0	0	0	0	0	4	33	0	33	7	26	33	2	32	C
C	33	27	7	33	32	1	0	0	0	0	0	0	0	0	1	1	0	33	7	27	33	1	32	A
A	33	27	6	33	33	1	0	0	0	0	0	0	0	0	0	20	0	33	6	27	33	1	33	C
C	33	28	6	33	33	0	0	0	0	0	0	0	0	0	0	1	0	33	6	28	33	0	33	A
												$\Delta\tau$ = 13												
A	33	14	20	33	20	13	0	0	0	0	3	33	2	0	0	0	0	33	20	14	33	13	20	C
C	33	14	19	33	21	13	0	0	0	0	0	26	8	0	0	0	0	33	19	14	33	13	21	A
A	33	15	19	33	21	12	0	0	0	0	1	27	10	0	0	0	0	33	19	15	33	12	21	C
C	33	15	18	33	22	12	0	0	0	0	0	11	16	0	0	0	0	33	18	15	33	12	22	A
A	33	16	18	33	22	11	0	0	0	0	0	14	27	0	0	0	0	33	18	16	33	11	22	C
C	33	16	17	33	23	11	0	0	0	0	0	2	21	1	0	0	0	33	17	16	33	11	23	A
A	33	17	17	33	23	10	0	0	0	0	0	6	38	0	0	0	0	33	17	17	33	10	23	C
C	33	17	16	33	24	10	0	0	0	0	0	0	17	2	0	0	0	33	16	17	33	10	24	A
A	33	18	16	33	24	9	0	0	0	0	0	2	33	3	0	0	0	33	16	18	33	9	24	C
C	33	18	15	33	25	9	0	0	0	0	0	0	8	4	0	0	0	33	15	18	33	9	25	A
A	33	19	15	33	25	8	0	0	0	0	0	1	18	13	0	0	0	33	15	19	33	8	25	C
C	33	19	14	33	26	8	0	0	0	0	0	0	2	7	0	0	0	33	14	19	33	8	26	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	33	20	14	33	26	7	0	0	0	0	0	0	7	27	0	0	0	33	14	20	33	7	26	C
C	33	20	13	33	27	7	0	0	0	0	0	0	0	7	0	0	0	33	13	20	33	7	27	A
A	33	21	13	33	27	6	0	0	0	0	0	0	2	30	1	0	0	33	13	21	33	6	27	C
C	33	21	12	33	28	6	0	0	0	0	0	0	0	4	1	0	0	33	12	21	33	6	28	A
A	33	22	12	33	28	5	0	0	0	0	0	0	1	19	6	0	0	33	12	22	33	5	28	C
C	33	22	11	33	29	5	0	0	0	0	0	0	0	1	2	0	0	33	11	22	33	5	29	A
A	33	23	11	33	29	4	0	0	0	0	0	0	0	7	14	0	0	33	11	23	33	4	29	C
C	33	23	10	33	30	4	0	0	0	0	0	0	0	0	2	0	0	33	10	23	33	4	30	A
A	33	24	10	33	30	3	0	0	0	0	0	0	0	2	14	0	0	33	10	24	33	3	30	C
C	33	24	9	33	31	3	0	0	0	0	0	0	0	0	1	0	0	33	9	24	33	3	31	A
A	33	25	9	33	31	2	0	0	0	0	0	0	0	0	7	0	0	33	9	25	33	2	31	C
A	33	26	8	33	32	1	0	0	0	0	0	0	0	0	2	1	0	33	8	26	33	1	32	C
A	33	27	7	33	33	0	0	0	0	0	0	0	0	0	0	1	0	33	7	27	33	0	33	C
												$\Delta\tau$ = 14												
B	33	13	20	33	20	13	0	0	0	0	3	66	3	0	0	0	0	33	20	13	33	13	20	B
B	33	14	20	33	21	13	0	0	0	0	0	6	1	0	0	0	0	33	20	14	33	13	21	B
B	33	14	19	33	21	12	0	0	0	0	1	51	15	0	0	0	0	33	19	14	33	12	21	B
B	33	15	19	33	22	12	0	0	0	0	0	4	3	0	0	0	0	33	19	15	33	12	22	B
B	33	15	18	33	22	11	0	0	0	0	0	21	41	0	0	0	0	33	18	15	33	11	22	B
B	33	16	18	33	23	11	0	0	0	0	0	2	5	0	0	0	0	33	18	16	33	11	23	B
B	33	16	17	33	23	10	0	0	0	0	0	4	59	1	0	0	0	33	17	16	33	10	23	B
B	33	17	17	33	24	10	0	0	0	0	0	1	6	0	0	0	0	33	17	17	33	10	24	B
B	33	17	16	33	24	9	0	0	0	0	0	1	49	3	0	0	0	33	16	17	33	9	24	B
B	33	18	16	33	25	9	0	0	0	0	0	0	4	1	0	0	0	33	16	18	33	9	25	B
B	33	18	15	33	25	8	0	0	0	0	0	0	23	16	0	0	0	33	15	18	33	8	25	B
B	33	19	15	33	26	8	0	0	0	0	0	0	2	2	0	0	0	33	15	19	33	8	26	B
B	33	19	14	33	26	7	0	0	0	0	0	0	5	34	0	0	0	33	14	19	33	7	26	B
B	33	20	14	33	27	7	0	0	0	0	0	0	1	3	0	0	0	33	14	20	33	7	27	B
B	33	20	13	33	27	6	0	0	0	0	0	0	1	37	1	0	0	33	13	20	33	6	27	B
B	33	21	13	33	28	6	0	0	0	0	0	0	0	3	0	0	0	33	13	21	33	6	28	B
B	33	21	12	33	28	5	0	0	0	0	0	0	0	22	7	0	0	33	12	21	33	5	28	B
B	33	22	12	33	29	5	0	0	0	0	0	0	0	1	1	0	0	33	12	22	33	5	29	B
B	33	22	11	33	29	4	0	0	0	0	0	0	0	6	15	0	0	33	11	22	33	4	29	B
B	33	23	11	33	30	4	0	0	0	0	0	0	0	0	1	0	0	33	11	23	33	4	30	B
B	33	23	10	33	30	3	0	0	0	0	0	0	0	1	15	0	0	33	10	23	33	3	30	B
B	33	24	10	33	31	3	0	0	0	0	0	0	0	0	1	0	0	33	10	24	33	3	31	B
B	33	24	9	33	31	2	0	0	0	0	0	0	0	0	7	0	0	33	9	24	33	2	31	B
B	33	25	8	33	32	1	0	0	0	0	0	0	0	0	1	1	0	33	8	25	33	1	32	B
B	33	26	7	33	33	0	0	0	0	0	0	0	0	0	0	1	0	33	7	26	33	0	33	B
												$\Delta\tau$ = 15												
A	33	13	20	33	21	13	0	0	0	0	0	3	1	0	0	0	0	33	20	13	33	13	21	C
C	33	14	20	33	21	12	0	0	0	0	0	3	0	0	0	0	0	33	20	14	33	12	21	A
A	33	14	19	33	22	12	0	0	0	0	0	2	2	0	0	0	0	33	19	14	33	12	22	C
C	33	15	19	33	22	11	0	0	0	0	0	2	1	0	0	0	0	33	19	15	33	11	22	A
A	33	15	18	33	23	11	0	0	0	0	0	1	3	0	0	0	0	33	18	15	33	11	23	C
C	33	16	18	33	23	10	0	0	0	0	0	1	2	0	0	0	0	33	18	16	33	10	23	A
A	33	16	17	33	24	10	0	0	0	0	0	0	4	0	0	0	0	33	17	16	33	10	24	C
C	33	17	17	33	24	9	0	0	0	0	0	0	2	0	0	0	0	33	17	17	33	9	24	A
A	33	17	16	33	25	9	0	0	0	0	0	0	2	1	0	0	0	33	16	17	33	9	25	C
C	33	18	16	33	25	8	0	0	0	0	0	0	1	0	0	0	0	33	16	18	33	8	25	A
A	33	18	15	33	26	8	0	0	0	0	0	0	1	2	0	0	0	33	15	18	33	8	26	C
C	33	19	15	33	26	7	0	0	0	0	0	0	1	0	0	0	0	33	15	19	33	7	26	A
A	33	19	14	33	27	7	0	0	0	0	0	0	0	3	0	0	0	33	14	19	33	7	27	C
C	33	20	14	33	27	6	0	0	0	0	0	0	0	1	0	0	0	33	14	20	33	6	27	A
A	33	20	13	33	28	6	0	0	0	0	0	0	0	2	0	0	0	33	13	20	33	6	28	C

	J K₋₁ K₊₁	J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁	J K₋₁ K₊₁	
C	33 21 13	33 28 5	0	0	0	0	0	0	0	1	0	0	0	33 13 21	33 5 28	A
A	33 21 12	33 29 5	0	0	0	0	0	0	0	1	1	0	0	33 12 21	33 5 29	C
A	33 22 11	33 30 4	0	0	0	0	0	0	0	0	1	0	0	33 11 22	33 4 30	C
A	33 23 10	33 31 3	0	0	0	0	0	0	0	0	1	0	0	33 10 23	33 3 31	C
								$\Delta\tau$ = 18								
B	33 12 21	33 21 12	0	0	0	0	0	1	0	0	0	0	0	33 21 12	33 12 21	B
B	33 15 18	33 24 9	0	0	0	0	0	0	1	0	0	0	0	33 18 15	33 9 24	B
J=33	Δ J = 1															
								$\Delta\tau$ = 0								
B	33 17 16	34 18 17	1950000	1920940	1825350	1672472	1350457	783010	1189265	1565101	1736573	1842800	1875000	33 16 17	34 17 18	B
B	33 18 15	34 19 16	2026471	2000218	1914060	1777210	1496156	995257	1000912	1453698	1647311	1765714	1801471	33 15 18	34 16 19	B
B	33 19 14	34 20 15	2104412	2080697	2003012	1880264	1632461	1222488	803148	1336062	1556985	1689571	1729412	33 14 19	34 15 20	B
B	33 20 13	34 21 14	2183824	2162426	2092440	1982306	1762666	1415961	771570	1208411	1464763	1614218	1658824	33 13 20	34 14 21	B
B	33 21 12	34 22 13	2264706	2245445	2182525	2083830	1888769	1589698	992124	1063510	1369396	1539442	1589706	33 12 21	34 13 22	B
B	33 22 11	34 23 12	2347059	2329784	2273410	2185211	2012082	1751751	1269674	891711	1268887	1464935	1522059	33 11 22	34 12 23	B
B	33 23 10	34 24 11	2430882	2415467	2365206	2286738	2133522	1906268	1506737	764763	1159766	1390237	1455882	33 10 23	34 11 24	B
B	33 24 9	34 25 10	2516176	2502515	2458006	2388638	2253756	2055688	1718077	891756	1035400	1314632	1391176	33 9 24	34 10 25	B
B	33 25 8	34 26 9	2602941	2590944	2551882	2491093	2373286	2201590	1914750	1236513	886624	1236939	1327941	33 8 25	34 9 26	B
B	33 26 7	34 27 8	2691176	2680768	2646897	2594251	2492499	2345060	2102133	1566048	785057	1155052	1266176	33 7 26	34 8 27	B
B	33 27 6	34 28 7	2780882	2771998	2743100	2698231	2611702	2486888	2283274	1851247	969989	1064839	1205882	33 6 27	34 7 28	B
B	33 28 5	34 29 6	2872059	2864644	2840535	2803134	2731141	2627665	2460098	2112907	1422756	957975	1147059	33 5 28	34 6 29	B
B	33 29 4	34 30 5	2964706	2958713	2939236	2909044	2851014	2767848	2633916	2360702	1854683	846429	1089706	33 4 29	34 5 30	B
B	33 30 3	34 31 4	3058823	3054213	3039235	3016030	2971488	2907798	2805666	2599538	2231757	966710	1033824	33 3 30	34 4 31	B
B	33 31 2	34 32 3	3154412	3151148	3140556	3124153	3092699	3047806	2976050	2832310	2581185	1594791	979412	33 2 31	34 3 32	B
B	33 32 1	34 33 2	3251407	3249479	3243198	3233452	3214763	3188110	3145608	3060901	2914729	2379417	926471	33 1 32	34 2 33	B
B	33 33 0	34 34 1	3349289	3349264	3346427	3343683	3337773	3328905	3314765	3286620	3238224	3065798	1750000	33 0 33	34 1 34	B
								$\Delta\tau$ = 1								
C	33 0 33	34 1 33	1750000	416522	269760	230676	210932	203029	199352	197695	197222	197063	196965	33 33 0	34 33 1	A
C	33 1 33	34 2 33	926471	416334	269760	230676	210932	203029	199351	197672	197194	197067	197054	33 33 1	34 33 2	A
C	33 1 32	34 2 32	926471	826001	531574	454481	415568	399997	392751	389442	388503	388257	388242	33 32 1	34 32 2	A
C	33 2 32	34 3 32	979412	813452	531573	454481	415568	399997	392751	389443	388504	388251	388235	33 32 2	34 32 3	A
C	33 2 31	34 3 31	979412	1340600	785744	671466	613914	590905	580199	575314	573927	573552	573529	33 31 2	34 31 3	A
C	33 3 31	34 4 31	1033824	1133498	785739	671466	613914	590905	580199	575314	573927	573552	573529	33 31 3	34 31 4	A
C	33 3 30	34 4 30	1033824	1623722	1032826	881718	805982	775754	761697	755284	753463	752971	752941	33 30 3	34 30 4	A
C	33 4 30	34 5 30	1089706	1279014	1032699	881718	805982	775754	761697	755284	753463	752971	752941	33 30 4	34 30 5	A
C	33 4 29	34 5 29	1089706	1371015	1274605	1085386	991790	954547	937243	929352	927112	926508	926471	33 29 4	34 29 5	A
C	33 5 29	34 6 29	1147059	1312205	1271379	1085386	991790	954547	937243	929352	927112	926508	926471	33 29 5	34 29 6	A
C	33 5 28	34 6 28	1147059	1317756	1548574	1282730	1171368	1127288	1106839	1097520	1094876	1094161	1094118	33 28 5	34 28 6	A
C	33 6 28	34 7 28	1205882	1335962	1485258	1282722	1171368	1127288	1106839	1097520	1094876	1094161	1094118	33 28 6	34 28 7	A
C	33 6 27	34 7 27	1205882	1336228	1893606	1474197	1344762	1293983	1270486	1259787	1256752	1255933	1255882	33 27 6	34 27 7	A
C	33 7 27	34 8 27	1266176	1371021	1623583	1474050	1344762	1293983	1270486	1259787	1256752	1255933	1255882	33 27 7	34 27 8	A
C	33 7 26	34 8 26	1266176	1371031	1832556	1661228	1512053	1454643	1428184	1416153	1412742	1411821	1411765	33 26 7	34 26 8	A
C	33 8 26	34 9 26	1327941	1414891	1671944	1658396	1512053	1454643	1428184	1416153	1412742	1411821	1411765	33 26 8	34 26 9	A
C	33 8 25	34 9 25	1327941	1414891	1696558	1872184	1673373	1609286	1579935	1566618	1562845	1561827	1561765	33 25 8	34 25 9	A
C	33 9 25	34 10 25	1391176	1464898	1689507	1823825	1673372	1609286	1579935	1566618	1562845	1561827	1561765	33 25 9	34 25 10	A
C	33 9 24	34 10 24	1391176	1464898	1691378	2150337	1828946	1757937	1725742	1711183	1707062	1705950	1705882	33 24 9	34 24 10	A
C	33 10 24	34 11 24	1455882	1519452	1712957	1935179	1828923	1757937	1725742	1711183	1707062	1705950	1705882	33 24 10	34 24 11	A
C	33 10 23	34 11 23	1455882	1519452	1713089	2126177	1979164	1900642	1865609	1849846	1845392	1844191	1844118	33 23 10	34 23 11	A
C	33 11 23	34 12 23	1522059	1577594	1746358	1979828	1978782	1900642	1865609	1849846	1845392	1844191	1844118	33 23 11	34 23 12	A
C	33 11 22	34 12 22	1522059	1577594	1746366	2006277	2127188	2037476	1999544	1982609	1977836	1976549	1976471	33 22 11	34 22 12	A
C	33 12 22	34 13 22	1589706	1638714	1787614	1998526	2120474	2037475	1999544	1982609	1977836	1976549	1976471	33 22 12	34 22 13	A
C	33 12 21	34 13 21	1589706	1638714	1787614	2000797	2317840	2168562	2127559	2109472	2104393	2103025	2102941	33 21 12	34 21 13	A
C	33 13 21	34 14 21	1658824	1702412	1834929	2021300	2239069	2168554	2127559	2109472	2104393	2103025	2102941	33 21 13	34 21 14	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	33	13	20	34	14	20	1658824	1702412	1834929	2021492	2489437	2294106	2249673	2230435	2225063	2223618	2223529	33	20	13	34	20	14	A
C	33	14	20	34	15	20	1729412	1768413	1887103	2052919	2309355	2293971	2249673	2230435	2225063	2223618	2223529	33	20	14	34	20	15	A
C	33	14	19	34	15	19	1729412	1768413	1887103	2052933	2400089	2415003	2365921	2345500	2339846	2338328	2338235	33	19	14	34	19	15	A
C	33	15	19	34	16	19	1801471	1836523	1943318	2091954	2338405	2412772	2365921	2345500	2339846	2338328	2338235	33	19	15	34	19	16	A
C	33	15	18	34	16	18	1801471	1836523	1943318	2091955	2348231	2550799	2476359	2454668	2448742	2447156	2447059	33	18	15	34	18	16	A
C	33	16	18	34	17	18	1875000	1906602	2002996	2136912	2358730	2517280	2476357	2454668	2448742	2447156	2447059	33	18	16	34	18	17	A
C	33	16	17	34	17	17	1875000	1906602	2002996	2136912	2359643	2718764	2581079	2557944	2551750	2550101	2550000	33	17	16	34	17	17	A
C	33	17	17	34	18	17	1950000	1978547	2065718	2186740	2385265	2588623	2581040	2557944	2551750	2550101	2550000	33	17	17	34	17	18	A
C	33	17	16	34	18	16	1950000	1978547	2065718	2186740	2385346	2701244	2680297	2655334	2648871	2647163	2647059	33	16	17	34	16	18	A
C	33	18	16	34	19	16	2026471	2052280	2131172	2240699	2419130	2623094	2679654	2655334	2648871	2647163	2647059	33	16	18	34	16	19	A
C	33	18	15	34	19	15	2026471	2052280	2131172	2240699	2419136	2638921	2780048	2746850	2740105	2738343	2738235	33	15	18	34	15	19	A
C	33	19	15	34	20	15	2104412	2127741	2199120	2298251	2459081	2644518	2768731	2746849	2740105	2738343	2738235	33	15	19	34	15	20	A
C	33	19	14	34	20	14	2104412	2127741	2199120	2298251	2459081	2646001	2911517	2832509	2825450	2823639	2823529	33	14	19	34	14	20	A
C	33	20	14	34	21	14	2183824	2204885	2269376	2358995	2504053	2669639	2836203	2832507	2825450	2823639	2823529	33	14	20	34	14	21	A
C	33	20	13	34	21	13	2183824	2204885	2269376	2358995	2504053	2669777	2951211	2912333	2904907	2903053	2902941	33	13	20	34	13	21	A
C	33	21	13	34	22	13	2264706	2283673	2341796	2422621	2553290	2701209	2873782	2912287	2904907	2903053	2902941	33	13	21	34	13	22	A
C	33	21	12	34	22	12	2264706	2283673	2341796	2422621	2553290	2701221	2896618	2986528	2978474	2976583	2976471	33	12	21	34	12	22	A
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B	33	2	32	34	3	31	979412	89808	20327	11871	8070	6457	5545	4950	4654	4468	4412	33	32	2	34	31	3	B
B	33	3	31	34	4	30	1033824	346910	41951	24053	16218	12938	11096	9900	9307	.8936	8824	33	31	3	34	30	4	B
B	33	4	30	34	5	29	1089706	750425	72540	40662	27168	21604	18502	16500	15511	14893	14706	33	30	4	34	29	5	B
B	33	5	29	34	6	28	1147059	952075	118630	61950	40968	32464	27764	24747	23264	22339	22059	33	29	5	34	28	6	B
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B	33	13	21	34	14	20	1658824	1614218	1464763	1208187	380716	196851	167341	149112	140537	135358	133824	33	21	13	34	20	14	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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B	33	15	19	34	16	18	1801471	1765714	1647311	1453697	989045	257116	218313	195480	184746	178348	176471	33	19	15	34	18	16	B
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A	33	13	20	34	15	19	0	332	5799	26787	149676	131050	133963	141766	147897	152756	154412	33	20	13	34	19	15	C
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	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}	
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A	33	30	4	34	32	3	0	25	437	1963	7339	19123	44462	107933	234417	641388	683824	33	4	30	34	3	32	C
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A	33	31	3	34	33	2	0	17	286	1286	4806	12521	29102	70568	152853	457116	729412	33	3	31	34	2	33	C
A	33	31	2	34	33	1	0	17	287	1286	4806	12521	29102	70568	152853	469900	776471	33	2	31	34	1	33	C
A	33	32	2	34	34	1	0	8	141	633	2364	6158	14309	34680	75029	226742	776471	33	2	32	34	1	34	C
A	33	32	1	34	34	0	0	9	141	634	2364	6158	14309	34680	75029	226956	1650000	33	1	32	34	0	34	C
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B	33	0	33	34	3	32	0	21514	6592	3911	2678	2149	1847	1650	1551	1489	1470	33	33	0	34	32	3	B
B	33	1	32	34	4	31	0	59386	20327	11871	8070	6457	5545	4950	4654	4468	4412	33	32	1	34	31	4	B
B	33	2	31	34	5	30	0	54683	41934	24053	16218	12938	11096	9900	9307	8936	8824	33	31	2	34	30	5	B
B	33	3	30	34	6	29	0	15078	72035	40662	27168	21604	18502	16500	15511	14893	14706	33	30	3	34	29	6	B
B	33	4	29	34	7	28	0	4548	106460	61949	40968	32464	27764	24747	23264	22339	22059	33	29	4	34	28	7	B
B	33	5	28	34	8	27	0	2216	111726	88153	57673	45529	38881	34640	32564	31272	30882	33	28	5	34	27	8	B
B	33	6	27	34	9	26	0	1257	54920	118948	77335	60805	51848	46174	43409	41693	41176	33	27	6	34	26	9	B
B	33	7	26	34	10	25	0	769	19339	148311	99987	78291	66657	59341	55794	53601	52941	33	26	7	34	25	10	B
B	33	8	25	34	11	24	0	497	10092	142962	125603	97976	83293	74131	69714	66993	66176	33	25	8	34	24	11	B
B	33	9	24	34	12	23	0	334	6469	74897	153847	119823	101732	90530	85161	81868	80882	33	24	9	34	23	12	B
B	33	10	23	34	13	22	0	232	4389	29889	182384	143749	121935	108515	102125	98224	97059	33	23	10	34	22	13	B
B	33	11	22	34	14	21	C	166	3082	16947	196304	169563	143839	128057	120591	116055	114706	33	22	11	34	21	14	B
B	33	12	21	34	15	20	0	120	2220	11577	150080	196750	167341	149112	140537	135358	133824	33	21	12	34	20	15	B
B	33	13	20	34	16	19	0	89	1629	8266	67744	223302	192268	171617	161936	156126	154412	33	20	13	34	19	16	B
B	33	14	19	34	17	18	0	66	1212	6043	32516	238307	218310	195480	184746	178348	176471	33	19	14	34	18	17	B
B	33	15	18	34	18	17	0	50	912	4491	21446	200398	244824	220561	208913	202011	200000	33	18	15	34	17	18	B
B	33	16	17	34	19	16	0	38	691	3375	15460	101683	270012	246647	234354	227096	225000	33	17	16	34	16	19	B
B	33	17	16	34	20	15	0	29	526	2555	11398	46413	285831	273388	260950	253578	251471	33	16	17	34	15	20	B
B	33	18	15	34	21	14	0	22	402	1941	8504	29371	257027	300175	288522	281416	279412	33	15	18	34	14	21	B
B	33	19	14	34	22	13	0	17	307	1477	6385	21064	146836	325762	316797	310554	308824	33	14	19	34	13	22	B
B	33	20	13	34	23	12	0	13	234	1122	4801	15413	63841	346492	345328	340907	339706	33	13	20	34	12	23	B
B	33	21	12	34	24	11	0	10	177	848	3602	11343	37233	345601	373347	372343	372059	33	12	21	34	11	24	B
B	33	22	11	34	25	10	0	7	133	635	2686	8339	25883	265432	399347	404652	405882	33	11	22	34	10	25	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	33	23	10	34	26	9	0	5	98	471	1981	6087	18341	121745	419304	437486	441176	33	10	23	34	9	26	B
B	33	24	9	34	27	8	0	4	72	343	1439	4385	12938	54358	415331	470229	477941	33	9	24	34	8	27	B
B	33	25	8	34	28	7	0	3	51	244	1022	3095	8993	33056	318113	501712	516176	33	8	25	34	7	28	B
B	33	26	7	34	29	6	0	2	35	169	704	2121	6091	21466	136570	529332	555882	33	7	26	34	6	29	B
B	33	27	6	34	30	5	0	1	23	111	464	1392	3962	13583	53212	544173	597059	33	6	27	34	5	30	B
B	33	28	5	34	31	4	0	1	14	69	286	857	2423	8139	27753	494435	639706	33	5	28	34	4	31	B
B	33	29	4	34	32	3	0	0	8	38	160	477	1342	4438	14525	252563	683824	33	4	29	34	3	32	B
B	33	30	3	34	33	2	0	0	4	18	75	222	622	2034	6480	60258	729412	33	3	30	34	2	33	B
B	33	31	2	34	34	1	0	0	1	6	23	69	193	626	1955	13017	776471	33	2	31	34	1	34	B
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C	33	1	33	34	4	31	0	1892	225	71	24	9	3	1	0	0	0	33	33	1	34	31	4	A
C	33	1	32	34	4	30	0	25776	1035	308	100	39	14	4	1	0	0	33	32	1	34	30	4	A
C	33	2	32	34	5	30	0	6130	1035	308	100	39	14	4	1	0	0	33	32	2	34	30	5	A
C	33	2	31	34	5	29	0	48079	3069	848	268	103	38	10	2	0	0	33	31	2	34	29	5	A
C	33	3	31	34	6	29	0	6703	3050	848	268	103	38	10	2	0	0	33	31	3	34	29	6	A
C	33	3	30	34	6	28	0	14689	7992	1892	577	220	80	21	5	0	0	33	30	3	34	28	6	A
C	33	4	30	34	7	28	0	4022	7245	1892	577	220	80	21	5	0	0	33	30	4	34	28	7	A
C	33	4	29	34	7	27	0	4441	25556	3758	1093	410	148	38	8	0	0	33	29	4	34	27	7	A
C	33	5	29	34	8	27	0	2150	13486	3757	1093	410	148	38	8	0	0	33	29	5	34	27	8	A
C	33	5	28	34	8	26	0	2162	68348	7006	1908	703	251	65	14	1	0	33	28	5	34	26	8	A
C	33	6	28	34	9	26	0	1226	16664	6968	1908	703	251	65	14	1	0	33	28	6	34	26	9	A
C	33	6	27	34	9	25	0	1226	48192	13161	3153	1135	402	104	23	1	0	33	27	6	34	25	9	A
C	33	7	27	34	10	25	0	750	13464	12228	3153	1135	402	104	23	1	0	33	27	7	34	25	10	A
C	33	7	26	34	10	24	0	750	17548	31346	5028	1756	615	158	35	2	0	33	26	7	34	24	10	A
C	33	8	26	34	11	24	0	485	8907	18929	5028	1756	615	158	35	2	0	33	26	8	34	24	11	A
C	33	8	25	34	11	23	0	485	9124	73574	7855	2633	909	232	51	3	0	33	25	8	34	23	11	A
C	33	9	25	34	12	23	0	326	5826	22156	7847	2633	909	232	51	3	0	33	25	9	34	23	12	A
C	33	9	24	34	12	22	0	326	5835	58124	12246	3862	1310	332	73	4	0	33	24	9	34	22	12	A
C	33	10	24	34	13	22	0	227	3955	18729	12099	3862	1310	332	73	4	0	33	24	10	34	22	13	A
C	33	10	23	34	13	21	0	227	3955	24285	20743	5586	1850	465	102	6	0	33	23	10	34	21	13	A
C	33	11	23	34	14	21	0	161	2776	13333	18082	5586	1850	465	102	6	0	33	23	11	34	21	14	A
C	33	11	22	34	14	20	0	161	2776	13687	46398	8031	2576	640	140	8	0	33	22	11	34	20	14	A
C	33	12	22	34	15	20	0	117	1998	9291	23768	8027	2576	640	140	8	0	33	22	12	34	20	15	A
C	33	12	21	34	15	19	0	117	1998	9310	77099	11597	3553	870	189	11	0	33	21	12	34	19	15	A
C	33	13	21	34	16	19	0	87	1466	6631	24147	11537	3553	870	189	11	0	33	21	13	34	19	16	A
C	33	13	20	34	16	18	0	87	1466	6633	44549	17518	4876	1172	254	15	0	33	20	13	34	18	16	A
C	33	14	20	34	17	18	C	65	1091	4844	19279	16450	4875	1172	254	15	0	33	20	14	34	18	17	A
C	33	14	19	34	17	17	0	65	1091	4844	21601	33435	6693	1567	337	19	0	33	19	14	34	17	17	A
C	33	15	19	34	18	17	0	49	821	3597	13979	21776	6692	1567	337	19	0	33	19	15	34	17	18	A
C	33	15	18	34	18	16	0	49	821	3597	14117	65610	9256	2089	446	25	0	33	18	15	34	16	18	A
C	33	16	18	34	19	16	0	37	622	2702	10116	23513	9236	2089	446	25	0	33	18	16	34	16	19	A
C	33	16	17	34	19	15	0	37	622	2702	10124	50334	13154	2783	588	33	0	33	17	16	34	15	19	A
C	33	17	17	34	20	15	0	28	474	2045	7443	19860	12804	2782	588	33	0	33	17	17	34	15	20	A
C	33	17	16	34	20	14	0	28	474	2045	7443	23941	21928	3718	774	44	0	33	16	17	34	14	20	A
C	33	18	16	34	21	14	0	22	362	1554	5544	14700	17092	3718	774	44	0	33	16	18	34	14	21	A
C	33	18	15	34	21	13	0	22	362	1554	5544	14969	45575	5009	1021	58	0	33	15	18	34	13	21	A
C	33	19	15	34	22	13	0	17	276	1182	4158	10636	19487	5007	1021	58	0	33	15	19	34	13	22	A
C	33	19	14	34	22	12	0	17	276	1182	4158	10651	47972	6855	1352	76	0	33	14	19	34	12	22	A
C	33	20	14	34	23	12	0	13	210	897	3125	7760	17320	6826	1352	76	0	33	14	20	34	12	23	A
C	33	20	13	34	23	11	0	13	210	897	3125	7761	23193	9864	1805	100	0	33	13	20	34	11	23	A
C	33	21	13	34	24	11	0	10	159	678	2344	5697	12929	9343	1805	100	0	33	13	21	34	11	24	A
C	33	21	12	34	24	10	0	10	159	678	2344	5697	13367	17977	2441	133	0	33	12	21	34	10	24	A
C	33	22	12	34	25	10	0	7	119	508	1747	4181	9168	11963	2440	133	0	33	12	22	34	10	25	A
C	33	22	11	34	25	9	0	7	119	508	1747	4181	9192	34335	3369	180	0	33	11	22	34	9	25	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 33 23 11 34 26 9	0	5	89	377	1288	3049	6474	12363	3359	180	0	33 11 23 34 9 26 A
C 33 23 10 34 26 8	0	5	89	377	1288	3049	6475	24430	4879	246	0	33 10 23 34 8 26 A
C 33 24 10 34 27 8	0	4	65	274	935	2195	4553	9780	4685	246	0	33 10 24 34 8 27 A
C 33 24 9 34 27 7	0	4	65	274	935	2195	4553	11264	8881	343	0	33 9 24 34 7 27 A
C 33 25 9 34 28 7	0	3	46	195	664	1549	3158	6666	6163	343	0	33 9 25 34 7 28 A
C 33 25 8 34 28 6	0	3	46	195	664	1549	3158	6743	18447	493	0	33 8 25 34 6 28 A
C 33 26 8 34 29 6	0	2	32	135	457	1061	2136	4335	6377	492	0	33 8 26 34 6 29 A
C 33 26 7 34 29 5	0	2	32	135	457	1061	2136	4339	13480	740	0	33 7 26 34 5 29 A
C 33 27 7 34 30 5	0	1	21	89	301	696	1388	2732	4704	735	0	33 7 27 34 5 30 A
C 33 27 6 34 30 4	0	1	21	89	301	696	1388	2732	5483	1260	0	33 6 27 34 4 30 A
C 33 28 6 34 31 4	0	1	13	55	186	429	849	1633	2785	1111	0	33 6 28 34 4 31 A
C 33 28 5 34 31 3	0	1	13	55	186	429	849	1633	2816	3201	0	33 5 28 34 3 31 A
C 33 29 5 34 32 3	0	0	7	31	104	239	470	889	1461	1386	0	33 5 29 34 3 32 A
C 33 29 4 34 32 2	0	0	7	31	104	239	470	889	1462	4954	0	33 4 29 34 2 32 A
C 33 30 4 34 33 2	0	0	3	14	48	111	218	407	650	974	0	33 4 30 34 2 33 A
C 33 30 3 34 33 1	0	0	3	14	48	111	218	407	650	1521	0	33 3 30 34 1 33 A
C 33 31 3 34 34 1	0	0	1	4	15	35	68	125	196	315	0	33 3 31 34 1 34 A
C 33 31 2 34 34 0	0	0	1	4	15	35	68	125	196	327	0	33 2 31 34 0 34 A
						$\Delta\tau = 6$						
B 33 1 33 34 4 30	0	844	14	3	1	0	0	0	0	0	0	33 33 1 34 30 4 B
B 33 2 32 34 5 29	0	5495	93	17	4	1	0	0	0	0	0	33 32 2 34 29 5 B
B 33 3 31 34 6 28	0	6788	408	61	13	4	1	0	0	0	0	33 31 3 34 28 6 B
B 33 4 30 34 7 27	0	4118	2043	177	36	11	3	1	0	0	0	33 30 4 34 27 7 B
B 33 5 29 34 8 26	0	2204	9401	455	85	25	8	2	0	0	0	33 29 5 34 26 8 B
B 33 6 28 34 9 25	0	1257	17024	1153	181	52	16	4	1	0	0	33 28 6 34 25 9 B
B 33 7 27 34 10 24	0	769	14733	3728	367	101	30	7	1	0	0	33 27 7 34 24 10 B
B 33 8 26 34 11 23	0	497	9849	13513	719	186	54	12	3	0	0	33 26 8 34 23 11 B
B 33 9 25 34 12 22	0	334	6458	24460	1402	332	94	21	4	0	0	33 25 9 34 22 12 B
B 33 10 24 34 13 21	0	232	4389	22770	2993	581	160	35	7	0	0	33 24 10 34 21 13 B
B 33 11 23 34 14 20	0	166	3082	16497	8829	1011	265	58	12	1	0	33 23 11 34 20 14 B
B 33 12 22 34 15 19	0	120	2220	11554	24549	1774	434	92	19	1	0	33 22 12 34 19 15 B
B 33 13 21 34 16 18	0	89	1629	8264	33831	3288	707	146	29	2	0	33 21 13 34 18 16 B
B 33 14 20 34 17 17	0	66	1212	6043	28843	7948	1158	230	46	3	0	33 20 14 34 17 17 B
B 33 15 19 34 18 16	0	50	912	4491	21229	23346	1922	361	71	4	0	33 19 15 34 16 18 B
B 33 16 18 34 19 15	0	38	691	3375	15447	39901	3316	568	110	6	0	33 18 16 34 15 19 B
B 33 17 17 34 20 14	0	29	526	2555	11397	37923	6874	901	171	9	0	33 17 17 34 14 20 B
B 33 18 16 34 21 13	0	22	402	1941	8504	28814	19836	1454	267	14	0	33 16 18 34 13 21 B
B 33 19 15 34 22 12	0	17	307	1477	6385	21032	42433	2411	421	22	0	33 15 19 34 12 22 B
B 33 20 14 34 23 11	0	13	234	1122	4801	15411	46077	4277	676	35	0	33 14 20 34 11 23 B
B 33 21 13 34 24 10	0	10	177	848	3602	11343	35930	10014	1112	57	0	33 13 21 34 10 24 B
B 33 22 12 34 25 9	0	7	133	635	2686	8339	25813	30074	1897	93	0	33 12 22 34 9 25 B
B 33 23 11 34 26 8	0	5	98	471	1981	6087	18337	51752	3471	158	0	33 11 23 34 8 26 B
B 33 24 10 34 27 7	0	4	72	343	1439	4385	12938	46564	8337	278	0	33 10 24 34 7 27 B
B 33 25 9 34 28 6	0	3	51	244	1022	3095	8993	32652	27804	516	0	33 9 25 34 6 28 B
B 33 26 8 34 29 5	0	2	35	169	704	2121	6091	21448	52620	1034	0	33 8 26 34 5 29 B
B 33 27 7 34 30 4	0	1	23	111	464	1392	3962	13582	45004	2456	0	33 7 27 34 4 30 B
B 33 28 6 34 31 3	0	1	14	69	286	857	2423	8138	27428	9649	0	33 6 28 34 3 31 B
B 33 29 5 34 32 2	0	0	8	38	160	477	1342	4438	14515	36095	0	33 5 29 34 2 32 B
B 33 30 4 34 33 1	0	0	4	18	75	222	622	2034	6480	36830	0	33 4 30 34 1 33 B
B 33 31 3 34 34 0	0	0	1	6	23	69	193	626	1955	12513	0	33 3 31 34 0 34 B
						$\Delta\tau = 7$						
A 33 0 33 34 4 30	0	21	1	1	0	0	0	0	0	0	0	33 33 0 34 30 4 C
A 33 1 33 34 5 30	0	5	1	1	0	0	0	0	0	0	0	33 33 1 34 30 5 C
A 33 1 32 34 5 29	0	131	9	3	1	1	0	0	0	0	0	33 32 1 34 29 5 C
A 33 2 32 34 6 29	0	12	9	3	1	1	0	0	0	0	0	33 32 2 34 29 6 C

											κ													
	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
A	33	2	31	34	6	28	0	104	41	12	5	2	1	0	0	0	0	33	31	2	34	28	6	C
A	33	3	31	34	7	28	0	9	37	12	5	2	1	0	0	0	0	33	31	3	34	28	7	C
A	33	3	30	34	7	27	0	20	204	35	13	6	2	1	0	0	0	33	30	3	34	27	7	C
A	33	4	30	34	8	27	0	4	106	35	13	6	2	1	0	0	0	33	30	4	34	27	8	C
A	33	4	29	34	8	26	0	4	921	91	30	13	5	1	0	0	0	33	29	4	34	26	8	C
A	33	5	29	34	9	26	0	2	188	91	30	13	5	1	0	0	0	33	29	5	34	26	9	C
A	33	5	28	34	9	25	0	2	1369	231	63	26	10	3	1	0	0	33	28	5	34	25	9	C
A	33	6	28	34	10	25	0	1	186	214	63	26	10	3	1	0	0	33	28	6	34	25	10	C
A	33	6	27	34	10	24	0	1	564	746	128	50	20	6	1	0	0	33	27	6	34	24	10	C
A	33	7	27	34	11	24	0	0	116	443	128	50	20	6	1	0	0	33	27	7	34	24	11	C
A	33	7	26	34	11	23	0	0	151	2645	252	93	35	10	2	0	0	33	26	7	34	23	11	C
A	33	8	26	34	12	23	0	0	60	675	251	93	35	10	2	0	0	33	26	8	34	23	12	C
A	33	8	25	34	12	22	0	0	62	3946	491	166	61	17	4	0	0	33	25	8	34	22	12	C
A	33	9	25	34	13	22	0	0	32	661	485	166	61	17	4	0	0	33	25	9	34	22	13	C
A	33	9	24	34	13	21	0	0	32	1856	1049	291	104	28	7	0	0	33	24	9	34	21	13	C
A	33	10	24	34	14	21	0	0	18	446	911	291	104	28	7	0	0	33	24	10	34	21	14	C
A	33	10	23	34	14	20	0	0	18	581	3087	506	172	46	11	1	0	33	23	10	34	20	14	C
A	33	11	23	34	15	20	0	0	10	256	1512	506	172	46	11	1	0	33	23	11	34	20	15	C
A	33	11	22	34	15	19	0	0	10	263	8097	888	282	74	17	1	0	33	22	11	34	19	15	C
A	33	12	22	34	16	19	0	0	6	147	1864	883	282	74	17	1	0	33	22	12	34	19	16	C
A	33	12	21	34	16	18	0	0	6	147	7875	1647	460	117	26	2	0	33	21	12	34	18	16	C
A	33	13	21	34	17	18	0	0	4	88	1575	1544	460	117	26	2	0	33	21	13	34	18	17	C
A	33	13	20	34	17	17	0	0	4	88	3011	3983	753	184	41	2	0	33	20	13	34	17	17	C
A	33	14	20	34	18	17	0	0	2	54	1019	2533	753	184	41	2	0	33	20	14	34	17	18	C
A	33	14	19	34	18	16	0	0	2	54	1145	11344	1251	289	64	4	0	33	19	14	34	16	18	C
A	33	15	19	34	19	16	0	0	2	34	607	3329	1248	289	64	4	0	33	19	15	34	16	19	C
A	33	15	18	34	19	15	0	0	2	34	613	15243	2160	454	99	6	0	33	18	15	34	15	19	C
A	33	16	18	34	20	15	0	0	1	22	365	3081	2100	454	99	6	0	33	18	16	34	15	20	C
A	33	16	17	34	20	14	0	0	1	22	366	7115	4483	721	154	9	0	33	17	16	34	14	20	C
A	33	17	17	34	21	14	0	0	1	14	226	2113	3454	721	154	9	0	33	17	17	34	14	21	C
A	33	17	16	34	21	13	0	0	1	14	226	2564	12766	1164	240	14	0	33	16	17	34	13	21	C
A	33	18	16	34	22	13	0	0	0	9	142	1273	4840	1163	240	14	0	33	16	18	34	13	22	C
A	33	18	15	34	22	12	0	0	0	9	142	1297	23408	1931	379	22	0	33	15	18	34	12	22	C
A	33	19	15	34	23	12	0	0	0	6	90	759	4890	1922	379	22	0	33	15	19	34	12	23	C
A	33	19	14	34	23	11	0	0	0	6	90	760	13935	3429	609	34	0	33	14	19	34	11	23	C
A	33	20	14	34	24	11	0	0	0	4	57	459	3511	3243	609	34	0	33	14	20	34	11	24	C
A	33	20	13	34	24	10	0	0	0	4	57	459	4773	8034	1001	55	0	33	13	20	34	10	24	C
A	33	21	13	34	25	10	0	0	0	2	36	280	2090	5205	1001	55	0	33	13	21	34	10	25	C
A	33	21	12	34	25	9	0	0	0	2	36	280	2163	23290	1708	91	0	33	12	21	34	9	25	C
A	33	22	12	34	26	9	0	0	0	2	23	170	1190	6611	1703	91	0	33	12	22	34	9	26	C
A	33	22	11	34	26	8	0	0	0	2	23	170	1193	29980	3129	154	0	33	11	22	34	8	26	C
A	33	23	11	34	27	8	0	0	0	1	14	102	677	5649	3001	154	0	33	11	23	34	8	27	C
A	33	23	10	34	27	7	0	0	0	1	14	102	677	12058	7521	271	0	33	10	23	34	7	27	C
A	33	24	10	34	28	7	0	0	0	1	8	60	381	3420	5112	271	0	33	10	24	34	7	28	C
A	33	24	9	34	28	6	0	0	0	1	8	60	381	3963	24412	503	0	33	9	24	34	6	28	C
A	33	25	9	34	29	6	0	0	0	0	5	34	209	1761	6765	503	0	33	9	25	34	6	29	C
A	33	25	8	34	29	5	0	0	0	0	5	34	209	1782	35141	1008	0	33	8	25	34	5	29	C
A	33	26	8	34	30	5	0	0	0	0	3	18	110	857	5518	1001	0	33	8	26	34	5	30	C
A	33	26	7	34	30	4	0	0	0	0	3	18	110	858	12797	2396	0	33	7	26	34	4	30	C
A	33	27	7	34	31	4	0	0	0	0	1	9	53	394	2827	2107	0	33	7	27	34	4	31	C
A	33	27	6	34	31	3	0	0	0	0	1	9	53	394	3317	9393	0	33	6	27	34	3	31	C
A	33	28	6	34	32	3	0	0	0	0	1	4	23	162	1098	3824	0	33	6	28	34	3	32	C
A	33	28	5	34	32	2	0	0	0	0	1	4	23	162	1110	32316	0	33	5	28	34	2	32	C
A	33	29	5	34	33	2	0	0	0	0	0	1	8	55	343	3628	0	33	5	29	34	2	33	C
A	33	29	4	34	33	1	0	0	0	0	0	1	8	55	343	17681	0	33	4	29	34	1	33	C

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
A 33 30 4 34 34 1	0	0	0	0	0	0	2	12	69	1113	0	33 4 30 34 1 34 C
A 33 30 3 34 34 0	0	0	0	0	0	0	2	12	69	1777	0	33 3 30 34 0 34 C
						$\Delta\tau = 8$						
B 33 0 33 34 5 30	0	192	14	3	1	0	0	0	0	0	0	33 33 0 34 30 5 B
B 33 1 32 34 6 29	0	453	92	17	4	1	0	0	0	0	0	33 32 1 34 29 6 B
B 33 2 31 34 7 28	0	220	370	61	13	4	1	0	0	0	0	33 31 2 34 28 7 B
B 33 3 30 34 8 27	0	30	1057	177	36	11	3	1	0	0	0	33 30 3 34 27 8 B
B 33 4 29 34 9 26	0	5	1830	452	85	25	8	2	0	0	0	33 29 4 34 26 9 B
B 33 5 28 34 10 25	0	1	1477	1069	181	52	16	4	1	0	0	33 28 5 34 25 10 B
B 33 6 27 34 11 24	0	0	439	2204	367	101	30	7	1	0	0	33 27 6 34 24 11 B
B 33 7 26 34 12 23	0	0	92	3257	718	186	54	12	3	0	0	33 26 7 34 23 12 B
B 33 8 25 34 13 22	0	0	30	2618	1385	332	94	21	4	0	0	33 25 8 34 22 13 B
B 33 9 24 34 14 21	0	0	13	897	2597	581	160	35	7	0	0	33 24 9 34 21 14 B
B 33 10 23 34 15 20	0	0	6	224	4264	1011	265	58	12	1	0	33 23 10 34 20 15 B
B 33 11 22 34 16 19	0	0	3	83	4898	1764	434	92	19	1	0	33 22 11 34 19 16 B
B 33 12 21 34 17 18	0	0	1	39	2917	3081	707	146	29	2	0	33 21 12 34 18 17 B
B 33 13 20 34 18 17	0	0	1	19	855	5018	1158	230	46	3	0	33 20 13 34 17 18 B
B 33 14 19 34 19 16	0	0	0	10	265	6301	1918	361	71	4	0	33 19 14 34 16 19 B
B 33 15 18 34 20 15	0	0	0	5	118	4553	3224	568	110	6	0	33 18 15 34 15 20 B
B 33 16 17 34 21 14	0	0	0	3	59	1549	5278	901	171	9	0	33 17 16 34 14 21 B
B 33 17 16 34 22 13	0	0	0	2	31	448	7191	1453	267	14	0	33 16 17 34 13 22 B
B 33 18 15 34 23 12	0	0	0	1	16	186	6144	2400	421	22	0	33 15 18 34 12 23 B
B 33 19 14 34 24 11	0	0	0	1	9	90	2437	4042	676	35	0	33 14 19 34 11 24 B
B 33 20 13 34 25 10	0	0	0	0	5	45	646	6438	1112	57	0	33 13 20 34 10 25 B
B 33 21 12 34 26 9	0	0	0	0	2	23	234	7751	1891	93	0	33 12 21 34 9 26 B
B 33 22 11 34 27 8	0	0	0	0	1	11	104	4916	3329	158	0	33 11 22 34 8 27 B
B 33 23 10 34 28 7	0	0	0	0	1	6	47	1349	5639	278	0	33 10 23 34 7 28 B
B 33 24 9 34 29 6	0	0	0	0	0	3	21	330	7145	516	0	33 9 24 34 6 29 B
B 33 25 8 34 30 5	0	0	0	0	0	1	9	111	4392	1026	0	33 8 25 34 5 30 B
B 33 26 7 34 31 4	0	0	0	0	0	0	3	39	972	2159	0	33 7 26 34 4 31 B
B 33 27 6 34 32 3	0	0	0	0	0	0	1	12	162	3887	0	33 6 27 34 3 32 B
B 33 28 5 34 33 2	0	0	0	0	0	0	0	3	32	3352	0	33 5 28 34 2 33 B
B 33 29 4 34 34 1	0	0	0	0	0	0	0	0	5	554	0	33 4 29 34 1 34 B
						$\Delta\tau = 9$						
C 33 0 33 34 5 29	0	164	1	0	0	0	0	0	0	0	0	33 33 0 34 29 5 A
C 33 1 33 34 6 29	0	14	1	0	0	0	0	0	0	0	0	33 33 1 34 29 6 A
C 33 1 32 34 6 28	0	437	10	1	0	0	0	0	0	0	0	33 32 1 34 28 6 A
C 33 2 32 34 7 28	0	24	9	1	0	0	0	0	0	0	0	33 32 2 34 28 7 A
C 33 2 31 34 7 27	0	214	85	4	0	0	0	0	0	0	0	33 31 2 34 27 7 A
C 33 3 31 34 8 27	0	13	44	4	0	0	0	0	0	0	0	33 31 3 34 27 8 A
C 33 3 30 34 8 26	0	29	602	14	1	0	0	0	0	0	0	33 30 3 34 26 8 A
C 33 4 30 34 9 26	0	4	120	14	1	0	0	0	0	0	0	33 30 4 34 26 9 A
C 33 4 29 34 9 25	0	5	1531	48	3	0	0	0	0	0	0	33 29 4 34 25 9 A
C 33 5 29 34 10 25	0	1	171	45	3	0	0	0	0	0	0	33 29 5 34 25 10 A
C 33 5 28 34 10 24	0	1	1321	210	9	1	0	0	0	0	0	33 28 5 34 24 10 A
C 33 6 28 34 11 24	0	0	129	124	9	1	0	0	0	0	0	33 28 6 34 24 11 A
C 33 6 27 34 11 23	0	0	395	1022	22	3	0	0	0	0	0	33 27 6 34 23 11 A
C 33 7 27 34 12 23	0	0	63	254	22	3	0	0	0	0	0	33 27 7 34 23 12 A
C 33 7 26 34 12 22	0	0	83	2347	54	6	1	0	0	0	0	33 26 7 34 22 12 A
C 33 8 26 34 13 22	0	0	27	324	54	6	1	0	0	0	0	33 26 8 34 22 13 A
C 33 8 25 34 13 21	0	0	27	2070	146	12	1	0	0	0	0	33 25 8 34 21 13 A
C 33 9 25 34 14 21	0	0	12	253	127	12	1	0	0	0	0	33 25 9 34 21 14 A
C 33 9 24 34 14 20	0	0	12	717	544	26	3	0	0	0	0	33 24 9 34 20 14 A
C 33 10 24 34 15 20	0	0	5	138	265	26	3	0	0	0	0	33 24 10 34 20 15 A
C 33 10 23 34 15 19	0	0	5	179	1910	56	5	0	0	0	0	33 23 10 34 19 15 A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	33	11	23	34	16	19	0	0	3	65	413	56	5	0	0	0	0	33	23	11	34	19	16	A
C	33	11	22	34	16	18	0	0	3	67	2985	127	11	1	0	0	0	33	22	11	34	18	16	A
C	33	12	22	34	17	18	0	0	1	31	423	119	11	1	0	0	0	33	22	12	34	18	17	A
C	33	12	21	34	17	17	0	0	1	31	1884	378	21	1	0	0	0	33	21	12	34	17	17	A
C	33	13	21	34	18	17	0	0	1	16	289	240	21	1	0	0	0	33	21	13	34	17	18	A
C	33	13	20	34	18	16	0	0	1	16	556	1386	41	2	0	0	0	33	20	13	34	16	18	A
C	33	14	20	34	19	16	0	0	0	8	153	392	41	2	0	0	0	33	20	14	34	16	19	A
C	33	14	19	34	19	15	0	0	0	8	172	2775	85	4	0	0	0	33	19	14	34	15	19	A
C	33	15	19	34	20	15	0	0	0	4	76	442	83	4	0	0	0	33	19	15	34	15	20	A
C	33	15	18	34	20	14	0	0	0	4	77	2242	215	7	0	0	0	33	18	15	34	14	20	A
C	33	16	18	34	21	14	0	0	0	2	38	331	166	7	0	0	0	33	18	16	34	14	21	A
C	33	16	17	34	21	13	0	0	0	2	38	774	773	14	1	0	0	33	17	16	34	13	21	A
C	33	17	17	34	22	13	0	0	0	1	20	184	287	14	1	0	0	33	17	17	34	13	22	A
C	33	17	16	34	22	12	0	0	0	1	20	224	2001	28	1	0	0	33	16	17	34	12	22	A
C	33	18	16	34	23	12	0	0	0	1	11	91	358	28	1	0	0	33	16	18	34	12	23	A
C	33	18	15	34	23	11	0	0	0	1	11	93	2082	61	2	0	0	33	15	18	34	11	23	A
C	33	19	15	34	24	11	0	0	0	0	6	45	291	57	2	0	0	33	15	19	34	11	24	A
C	33	19	14	34	24	10	0	0	0	0	6	45	851	177	4	0	0	33	14	19	34	10	24	A
C	33	20	14	34	25	10	0	0	0	0	3	23	166	114	4	0	0	33	14	20	34	10	25	A
C	33	20	13	34	25	9	0	0	0	0	3	23	226	671	9	0	0	33	13	20	34	9	25	A
C	33	21	13	34	26	9	0	0	0	0	2	11	79	183	9	0	0	33	13	21	34	9	26	A
C	33	21	12	34	26	8	0	0	0	0	2	11	82	1357	20	0	0	33	12	21	34	8	26	A
C	33	22	12	34	27	8	0	0	0	0	1	6	36	192	19	0	0	33	12	22	34	8	27	A
C	33	22	11	34	27	7	0	0	0	0	1	6	36	970	60	0	0	33	11	22	34	7	27	A
C	33	23	11	34	28	7	0	0	0	0	0	3	16	125	41	0	0	33	11	23	34	7	28	A
C	33	23	10	34	28	6	0	0	0	0	0	3	16	270	262	0	0	33	10	23	34	6	28	A
C	33	24	10	34	29	6	0	0	0	0	0	1	7	57	70	0	0	33	10	24	34	6	29	A
C	33	24	9	34	29	5	0	0	0	0	0	1	7	66	614	1	0	33	9	24	34	5	29	A
C	33	25	9	34	30	5	0	0	0	0	0	1	3	22	73	1	0	33	9	25	34	5	30	A
C	33	25	8	34	30	4	0	0	0	0	0	1	3	22	433	2	0	33	8	25	34	4	30	A
C	33	26	8	34	31	4	0	0	0	0	0	0	1	8	41	2	0	33	8	26	34	4	31	A
C	33	26	7	34	31	3	0	0	0	0	0	0	1	8	97	12	0	33	7	26	34	3	31	A
C	33	27	7	34	32	3	0	0	0	0	0	0	0	2	14	5	0	33	7	27	34	3	32	A
C	33	27	6	34	32	2	0	0	0	0	0	0	0	2	16	65	0	33	6	27	34	2	32	A
C	33	28	6	34	33	2	0	0	0	0	0	0	0	1	3	7	0	33	6	28	34	2	33	A
C	33	28	5	34	33	1	0	0	0	0	0	0	0	1	3	81	0	33	5	28	34	1	33	A
C	33	29	5	34	34	1	0	0	0	0	0	0	0	0	0	3	0	33	5	29	34	1	34	A
C	33	29	4	34	34	0	0	0	0	0	0	0	0	0	0	14	0	33	4	29	34	0	34	A
												$\Delta\tau$ = 10												
B	33	1	33	34	6	28	0	14	0	0	0	0	0	0	0	0	0	33	33	1	34	28	6	B
B	33	2	32	34	7	27	0	25	3	0	0	0	0	0	0	0	0	33	32	2	34	27	7	B
B	33	3	31	34	8	26	0	13	31	0	0	0	0	0	0	0	0	33	31	3	34	26	8	B
B	33	4	30	34	9	25	0	4	124	2	0	0	0	0	0	0	0	33	30	4	34	25	9	B
B	33	5	29	34	10	24	0	1	188	14	0	0	0	0	0	0	0	33	29	5	34	24	10	B
B	33	6	28	34	11	23	0	0	144	90	1	0	0	0	0	0	0	33	28	6	34	23	11	B
B	33	7	27	34	12	22	0	0	70	285	4	0	0	0	0	0	0	33	27	7	34	22	12	B
B	33	8	26	34	13	21	0	0	30	400	13	1	0	0	0	0	0	33	26	8	34	21	13	B
B	33	9	25	34	14	20	0	0	13	316	63	2	0	0	0	0	0	33	25	9	34	20	14	B
B	33	10	24	34	15	19	0	0	6	172	280	6	0	0	0	0	0	33	24	10	34	19	15	B
B	33	11	23	34	16	18	0	0	3	81	594	16	1	0	0	0	0	33	23	11	34	18	16	B
B	33	12	22	34	17	17	0	0	1	39	646	58	3	0	0	0	0	33	22	12	34	17	17	B
B	33	13	21	34	18	16	0	0	1	19	445	264	6	0	0	0	0	33	21	13	34	16	18	B
B	33	14	20	34	19	15	0	0	0	10	236	687	15	1	0	0	0	33	20	14	34	15	19	B
B	33	15	19	34	20	14	0	0	0	5	117	867	45	1	0	0	0	33	19	15	34	14	20	B
B	33	16	18	34	21	13	0	0	0	3	59	661	198	3	0	0	0	33	18	16	34	13	21	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	33	17	17	34	22	12	0	0	0	2	31	368	649	7	0	0	0	33	17	17	34	12	22	B
B	33	18	16	34	23	11	0	0	0	1	16	182	984	18	1	0	0	33	16	18	34	11	23	B
B	33	19	15	34	24	10	0	0	0	1	9	90	828	63	1	0	0	33	15	19	34	10	24	B
B	33	20	14	34	25	9	0	0	0	0	5	45	474	296	3	0	0	33	14	20	34	9	25	B
B	33	21	13	34	26	8	0	0	0	0	2	23	226	795	9	0	0	33	13	21	34	8	26	B
B	33	22	12	34	27	7	0	0	0	0	1	11	103	942	34	0	0	33	12	22	34	7	27	B
B	33	23	11	34	28	6	0	0	0	0	1	6	47	624	189	0	0	33	11	23	34	6	28	B
B	33	24	10	34	29	5	0	0	0	0	0	3	21	285	601	1	0	33	10	24	34	5	29	B
B	33	25	9	34	30	4	0	0	0	0	0	1	9	109	721	2	0	33	9	25	34	4	30	B
B	33	26	8	34	31	3	0	0	0	0	0	0	3	39	413	17	0	33	8	26	34	3	31	B
B	33	27	7	34	32	2	0	0	0	0	0	0	1	12	138	128	0	33	7	27	34	2	32	B
B	33	28	6	34	33	1	0	0	0	0	0	0	0	3	32	256	0	33	6	28	34	1	33	B
B	33	29	5	34	34	0	0	0	0	0	0	0	0	0	5	110	0	33	5	29	34	0	34	B
												Δτ = 11												
A	33	1	32	34	7	27	0	1	0	0	0	0	0	0	0	0	0	33	32	1	34	27	7	C
A	33	2	31	34	8	26	0	0	3	0	0	0	0	0	0	0	0	33	31	2	34	26	8	C
A	33	3	31	34	9	26	0	0	1	0	0	0	0	0	0	0	0	33	31	3	34	26	9	C
A	33	3	30	34	9	25	0	0	12	0	0	0	0	0	0	0	0	33	30	3	34	25	9	C
A	33	4	30	34	10	25	0	0	1	0	0	0	0	0	0	0	0	33	30	4	34	25	10	C
A	33	4	29	34	10	24	0	0	18	3	0	0	0	0	0	0	0	33	29	4	34	24	10	C
A	33	5	29	34	11	24	0	0	1	2	0	0	0	0	0	0	0	33	29	5	34	24	11	C
A	33	5	28	34	11	23	0	0	11	18	0	0	0	0	0	0	0	33	28	5	34	23	11	C
A	33	6	28	34	12	23	0	0	1	4	0	0	0	0	0	0	0	33	28	6	34	23	12	C
A	33	6	27	34	12	22	0	0	3	57	1	0	0	0	0	0	0	33	27	6	34	22	12	C
A	33	7	27	34	13	22	0	0	0	8	1	0	0	0	0	0	0	33	27	7	34	22	13	C
A	33	7	26	34	13	21	0	0	0	77	5	0	0	0	0	0	0	33	26	7	34	21	13	C
A	33	8	26	34	14	21	0	0	0	8	4	0	0	0	0	0	0	33	26	8	34	21	14	C
A	33	8	25	34	14	20	0	0	0	50	22	1	0	0	0	0	0	33	25	8	34	20	14	C
A	33	9	25	34	15	20	0	0	0	5	11	1	0	0	0	0	0	33	25	9	34	20	15	C
A	33	9	24	34	15	19	0	0	0	14	98	3	0	0	0	0	0	33	24	9	34	19	15	C
A	33	10	24	34	16	19	0	0	0	2	21	3	0	0	0	0	0	33	24	10	34	19	16	C
A	33	10	23	34	16	18	0	0	0	3	206	8	1	0	0	0	0	33	23	10	34	18	16	C
A	33	11	23	34	17	18	0	0	0	1	27	8	1	0	0	0	0	33	23	11	34	18	17	C
A	33	11	22	34	17	17	0	0	0	1	209	29	2	0	0	0	0	33	22	11	34	17	17	C
A	33	12	22	34	18	17	0	0	0	0	23	18	2	0	0	0	0	33	22	12	34	17	18	C
A	33	12	21	34	18	16	0	0	0	0	101	132	4	0	0	0	0	33	21	12	34	16	18	C
A	33	13	21	34	19	16	0	0	0	0	13	37	4	0	0	0	0	33	21	13	34	16	19	C
A	33	13	20	34	19	15	0	0	0	0	24	342	10	0	0	0	0	33	20	13	34	15	19	C
A	33	14	20	34	20	15	0	0	0	0	6	52	9	0	0	0	0	33	20	14	34	15	20	C
A	33	14	19	34	20	14	0	0	0	0	6	412	29	1	0	0	0	33	19	14	34	14	20	C
A	33	15	19	34	21	14	0	0	0	0	2	48	23	1	0	0	0	33	19	15	34	14	21	C
A	33	15	18	34	21	13	0	0	0	0	2	245	128	2	0	0	0	33	18	15	34	13	21	C
A	33	16	18	34	22	13	0	0	0	0	1	29	48	2	0	0	0	33	18	16	34	13	22	C
A	33	16	17	34	22	12	0	0	0	0	1	68	421	5	0	0	0	33	17	16	34	12	22	C
A	33	17	17	34	23	12	0	0	0	0	0	13	73	5	0	0	0	33	17	17	34	12	23	C
A	33	17	16	34	23	11	0	0	0	0	0	16	621	14	0	0	0	33	16	17	34	11	23	C
A	33	18	16	34	24	11	0	0	0	0	0	5	74	13	0	0	0	33	16	18	34	11	24	C
A	33	18	15	34	24	10	0	0	0	0	0	6	442	50	1	0	0	33	15	18	34	10	24	C
A	33	19	15	34	25	10	0	0	0	0	0	2	48	32	1	0	0	33	15	19	34	10	25	C
A	33	19	14	34	25	9	0	0	0	0	0	2	140	237	3	0	0	33	14	19	34	9	25	C
A	33	20	14	34	26	9	0	0	0	0	0	1	22	64	3	0	0	33	14	20	34	9	26	C
A	33	20	13	34	26	8	0	0	0	0	0	1	30	632	8	0	0	33	13	20	34	8	26	C
A	33	21	13	34	27	8	0	0	0	0	0	0	8	85	8	0	0	33	13	21	34	8	27	C
A	33	21	12	34	27	7	0	0	0	0	0	0	9	711	31	0	0	33	12	21	34	7	27	C
A	33	22	12	34	28	7	0	0	0	0	0	0	3	68	21	0	0	33	12	22	34	7	28	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	$\mp.95$	$\mp.8$	$\mp.6$	$\mp.3$	0 (κ)	$\pm.3$	$\pm.6$	$\pm.8$	$\pm.95$	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	33	22	11	34	28	6	0	0	0	0	0	0	3	349	170	0	0	33	11	22	34	6	28	C
A	33	23	11	34	29	6	0	0	0	0	0	0	1	33	45	0	0	33	11	23	34	6	29	C
A	33	23	10	34	29	5	0	0	0	0	0	0	1	72	539	1	0	33	10	23	34	5	29	C
A	33	24	10	34	30	5	0	0	0	0	0	0	0	11	62	1	0	33	10	24	34	5	30	C
A	33	24	9	34	30	4	0	0	0	0	0	0	0	13	620	2	0	33	9	24	34	4	30	C
A	33	25	9	34	31	4	0	0	0	0	0	0	0	3	45	2	0	33	9	25	34	4	31	C
A	33	25	8	34	31	3	0	0	0	0	0	0	0	3	267	16	0	33	8	25	34	3	31	C
A	33	26	8	34	32	3	0	0	0	0	0	0	0	1	16	7	0	33	8	26	34	3	32	C
A	33	26	7	34	32	2	0	0	0	0	0	0	0	1	39	124	0	33	7	26	34	2	32	C
A	33	27	7	34	33	2	0	0	0	0	0	0	0	0	3	13	0	33	7	27	34	2	33	C
A	33	27	6	34	33	1	0	0	0	0	0	0	0	0	4	247	0	33	6	27	34	1	33	C
A	33	28	6	34	34	1	0	0	0	0	0	0	0	0	0	8	0	33	6	28	34	1	34	C
A	33	28	5	34	34	0	0	0	0	0	0	0	0	0	0	96	0	33	5	28	34	0	34	C
												$\Delta\tau = 12$												
B	33	0	33	34	7	28	0	1	0	0	0	0	0	0	0	0	0	33	33	0	34	28	7	B
B	33	1	32	34	8	27	0	1	1	0	0	0	0	0	0	0	0	33	32	1	34	27	8	B
B	33	2	31	34	9	26	0	0	6	0	0	0	0	0	0	0	0	33	31	2	34	26	9	B
B	33	3	30	34	10	25	0	0	13	2	0	0	0	0	0	0	0	33	30	3	34	25	10	B
B	33	4	29	34	11	24	0	0	14	8	0	0	0	0	0	0	0	33	29	4	34	24	11	B
B	33	5	28	34	12	23	0	0	7	22	1	0	0	0	0	0	0	33	28	5	34	23	12	B
B	33	6	27	34	13	22	0	0	1	38	4	0	0	0	0	0	0	33	27	6	34	22	13	B
B	33	7	26	34	14	21	0	0	0	38	12	1	0	0	0	0	0	33	26	7	34	21	14	B
B	33	8	25	34	15	20	0	0	0	19	30	2	0	0	0	0	0	33	25	8	34	20	15	B
B	33	9	24	34	16	19	0	0	0	4	60	6	0	0	0	0	0	33	24	9	34	19	16	B
B	33	10	23	34	17	18	0	0	0	1	77	15	1	0	0	0	0	33	23	10	34	18	17	B
B	33	11	22	34	18	17	0	0	0	0	60	37	3	0	0	0	0	33	22	11	34	17	18	B
B	33	12	21	34	19	16	0	0	0	0	23	74	6	0	0	0	0	33	21	12	34	16	19	B
B	33	13	20	34	20	15	0	0	0	0	5	104	14	1	0	0	0	33	20	13	34	15	20	B
B	33	14	19	34	21	14	0	0	0	0	1	91	35	1	0	0	0	33	19	14	34	14	21	B
B	33	15	18	34	22	13	0	0	0	0	0	43	73	3	0	0	0	33	18	15	34	13	22	B
B	33	16	17	34	23	12	0	0	0	0	0	10	112	7	0	0	0	33	17	16	34	12	23	B
B	33	17	16	34	24	11	0	0	0	0	0	2	110	17	1	0	0	33	16	17	34	11	24	B
B	33	18	15	34	25	10	0	0	0	0	0	1	60	40	1	0	0	33	15	18	34	10	25	B
B	33	19	14	34	26	9	0	0	0	0	0	0	15	80	3	0	0	33	14	19	34	9	26	B
B	33	20	13	34	27	8	0	0	0	0	0	0	3	105	9	0	0	33	13	20	34	8	27	B
B	33	21	12	34	28	7	0	0	0	0	0	0	1	80	23	0	0	33	12	21	34	7	28	B
B	33	22	11	34	29	6	0	0	0	0	0	0	0	29	51	0	0	33	11	22	34	6	29	B
B	33	23	10	34	30	5	0	0	0	0	0	0	0	4	68	1	0	33	10	23	34	5	30	B
B	33	24	9	34	31	4	0	0	0	0	0	0	0	1	47	2	0	33	9	24	34	4	31	B
B	33	25	8	34	32	3	0	0	0	0	0	0	0	0	13	7	0	33	8	25	34	3	32	B
B	33	26	7	34	33	2	0	0	0	0	0	0	0	0	1	13	0	33	7	26	34	2	33	B
B	33	27	6	34	34	1	0	0	0	0	0	0	0	0	0	8	0	33	6	27	34	1	34	B
												$\Delta\tau = 13$												
C	33	0	33	34	7	27	0	1	0	0	0	0	0	0	0	0	0	33	33	0	34	27	7	A
C	33	1	32	34	8	26	0	1	1	0	0	0	0	0	0	0	0	33	32	1	34	26	8	A
C	33	2	31	34	9	25	0	0	5	0	0	0	0	0	0	0	0	33	31	2	34	25	9	A
C	33	3	31	34	10	25	0	0	1	0	0	0	0	0	0	0	0	33	31	3	34	25	10	A
C	33	3	30	34	10	24	0	0	12	0	0	0	0	0	0	0	0	33	30	3	34	24	10	A
C	33	4	30	34	11	24	0	0	1	0	0	0	0	0	0	0	0	33	30	4	34	24	11	A
C	33	4	29	34	11	23	0	0	13	4	0	0	0	0	0	0	0	33	29	4	34	23	11	A
C	33	5	29	34	12	23	0	0	1	1	0	0	0	0	0	0	0	33	29	5	34	23	12	A
C	33	5	28	34	12	22	0	0	6	16	0	0	0	0	0	0	0	33	28	5	34	22	12	A
C	33	6	28	34	13	22	0	0	0	2	0	0	0	0	0	0	0	33	28	6	34	22	13	A
C	33	6	27	34	13	21	0	0	1	30	0	0	0	0	0	0	0	33	27	6	34	21	13	A
C	33	7	27	34	14	21	0	0	0	3	0	0	0	0	0	0	0	33	27	7	34	21	14	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	33	7	26	34	14	20	0	0	0	30	2	0	0	0	0	0	0	33	26	7	34	20	14	A
C	33	8	26	34	15	20	0	0	0	2	1	0	0	0	0	0	0	33	26	8	34	20	15	A
C	33	8	25	34	15	19	0	0	0	16	14	0	0	0	0	0	0	33	25	8	34	19	15	A
C	33	9	25	34	16	19	0	0	0	1	3	0	0	0	0	0	0	33	25	9	34	19	16	A
C	33	9	24	34	16	18	0	0	0	4	36	0	0	0	0	0	0	33	24	9	34	18	16	A
C	33	10	24	34	17	18	0	0	0	0	5	0	0	0	0	0	0	33	24	10	34	18	17	A
C	33	10	23	34	17	17	0	0	0	1	50	2	0	0	0	0	0	33	23	10	34	17	17	A
C	33	11	23	34	18	17	0	0	0	0	5	1	0	0	0	0	0	33	23	11	34	17	18	A
C	33	11	22	34	18	16	0	0	0	0	39	10	0	0	0	0	0	33	22	11	34	16	18	A
C	33	12	22	34	19	16	0	0	0	0	3	3	0	0	0	0	0	33	22	12	34	16	19	A
C	33	12	21	34	19	15	0	0	0	0	15	33	0	0	0	0	0	33	21	12	34	15	19	A
C	33	13	21	34	20	15	0	0	0	0	2	5	0	0	0	0	0	33	21	13	34	15	20	A
C	33	13	20	34	20	14	0	0	0	0	3	51	1	0	0	0	0	33	20	13	34	14	20	A
C	33	14	20	34	21	14	0	0	0	0	1	6	1	0	0	0	0	33	20	14	34	14	21	A
C	33	14	19	34	21	13	0	0	0	0	1	45	5	0	0	0	0	33	19	14	34	13	21	A
C	33	15	19	34	22	13	0	0	0	0	0	4	2	0	0	0	0	33	19	15	34	13	22	A
C	33	15	18	34	22	12	0	0	0	0	0	21	20	0	0	0	0	33	18	15	34	12	22	A
C	33	16	18	34	23	12	0	0	0	0	0	2	4	0	0	0	0	33	18	16	34	12	23	A
C	33	16	17	34	23	11	0	0	0	0	0	5	38	0	0	0	0	33	17	16	34	11	23	A
C	33	17	17	34	24	11	0	0	0	0	0	1	4	0	0	0	0	33	17	17	34	11	24	A
C	33	17	16	34	24	10	0	0	0	0	0	1	38	1	0	0	0	33	16	17	34	10	24	A
C	33	18	16	34	25	10	0	0	0	0	0	0	3	0	0	0	0	33	16	18	34	10	25	A
C	33	18	15	34	25	9	0	0	0	0	0	0	21	4	0	0	0	33	15	18	34	9	25	A
C	33	19	15	34	26	9	0	0	0	0	0	0	2	1	0	0	0	33	15	19	34	9	26	A
C	33	19	14	34	26	8	0	0	0	0	0	0	5	14	0	0	0	33	14	19	34	8	26	A
C	33	20	14	34	27	8	0	0	0	0	0	0	1	2	0	0	0	33	14	20	34	8	27	A
C	33	20	13	34	27	7	0	0	0	0	0	0	1	21	0	0	0	33	13	20	34	7	27	A
C	33	21	13	34	28	7	0	0	0	0	0	0	0	2	0	0	0	33	13	21	34	7	28	A
C	33	21	12	34	28	6	0	0	0	0	0	0	0	16	1	0	0	33	12	21	34	6	28	A
C	33	22	12	34	29	6	0	0	0	0	0	0	0	1	0	0	0	33	12	22	34	6	29	A
C	33	22	11	34	29	5	0	0	0	0	0	0	0	6	4	0	0	33	11	22	34	5	29	A
C	33	23	10	34	30	4	0	0	0	0	0	0	0	1	7	0	0	33	10	23	34	4	30	A
C	33	24	9	34	31	3	0	0	0	0	0	0	0	0	5	0	0	33	9	24	34	3	31	A
C	33	25	8	34	32	2	0	0	0	0	0	0	0	0	1	0	0	33	8	25	34	2	32	A
												$\Delta\tau$ = 14												
B	33	3	31	34	10	24	0	0	1	0	0	0	0	0	0	0	0	33	31	3	34	24	10	B
B	33	4	30	34	11	23	0	0	1	0	0	0	0	0	0	0	0	33	30	4	34	23	11	B
B	33	5	29	34	12	22	0	0	1	1	0	0	0	0	0	0	0	33	29	5	34	22	12	B
B	33	6	28	34	13	21	0	0	0	3	0	0	0	0	0	0	0	33	28	6	34	21	13	B
B	33	7	27	34	14	20	0	0	0	4	0	0	0	0	0	0	0	33	27	7	34	20	14	B
B	33	8	26	34	15	19	0	0	0	3	1	0	0	0	0	0	0	33	26	8	34	19	15	B
B	33	9	25	34	16	18	0	0	0	2	4	0	0	0	0	0	0	33	25	9	34	18	16	B
B	33	10	24	34	17	17	0	0	0	1	7	0	0	0	0	0	0	33	24	10	34	17	17	B
B	33	11	23	34	18	16	0	0	0	0	8	1	0	0	0	0	0	33	23	11	34	16	18	B
B	33	12	22	34	19	15	0	0	0	0	5	5	0	0	0	0	0	33	22	12	34	15	19	B
B	33	13	21	34	20	14	0	0	0	0	2	10	0	0	0	0	0	33	21	13	34	14	20	B
B	33	14	20	34	21	13	0	0	0	0	1	11	1	0	0	0	0	33	20	14	34	13	21	B
B	33	15	19	34	22	12	0	0	0	0	0	8	4	0	0	0	0	33	19	15	34	12	22	B
B	33	16	18	34	23	11	0	0	0	0	0	4	10	0	0	0	0	33	18	16	34	11	23	B
B	33	17	17	34	24	10	0	0	0	0	0	2	12	0	0	0	0	33	17	17	34	10	24	B
B	33	18	16	34	25	9	0	0	0	0	0	1	10	1	0	0	0	33	16	18	34	9	25	B
B	33	19	15	34	26	8	0	0	0	0	0	0	5	5	0	0	0	33	15	19	34	8	26	B
B	33	20	14	34	27	7	0	0	0	0	0	0	2	9	0	0	0	33	14	20	34	7	27	B
B	33	21	13	34	28	6	0	0	0	0	0	0	1	9	0	0	0	33	13	21	34	6	28	B
B	33	22	12	34	29	5	0	0	0	0	0	0	0	6	2	0	0	33	12	22	34	5	29	B

J K_{-1} K_{+1} — J K_{-1} K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1} — J K_{-1} K_{+1}
B 33 23 11 34 30 4	0	0	0	0	0	0	0	2	5	0	0	33 11 23 34 4 30 B
B 33 24 10 34 31 3	0	0	0	0	0	0	0	1	5	0	0	33 10 24 34 3 31 B
B 33 25 9 34 32 2	0	0	0	0	0	0	0	0	2	0	0	33 9 25 34 2 32 B
						$\Delta\tau$ = 15						
A 33 5 28 34 13 21	0	0	0	1	0	0	0	0	0	0	0	33 28 5 34 21 13 C
A 33 6 27 34 14 20	0	0	0	1	0	0	0	0	0	0	0	33 27 6 34 20 14 C
A 33 7 26 34 15 19	0	0	0	1	0	0	0	0	0	0	0	33 26 7 34 19 15 C
A 33 8 25 34 16 18	0	0	0	0	1	0	0	0	0	0	0	33 25 8 34 18 16 C
A 33 9 24 34 17 17	0	0	0	0	3	0	0	0	0	0	0	33 24 9 34 17 17 C
A 33 10 23 34 18 16	0	0	0	0	3	1	0	0	0	0	0	33 23 10 34 16 18 C
A 33 11 22 34 19 15	0	0	0	0	2	3	0	0	0	0	0	33 22 11 34 15 19 C
A 33 12 21 34 20 14	0	0	0	0	1	5	0	0	0	0	0	33 21 12 34 14 20 C
A 33 13 21 34 21 14	0	0	0	0	0	1	0	0	0	0	0	33 21 13 34 14 21 C
A 33 13 20 34 21 13	0	0	0	0	0	6	1	0	0	0	0	33 20 13 34 13 21 C
A 33 14 19 34 22 12	0	0	0	0	0	4	3	0	0	0	0	33 19 14 34 12 22 C
A 33 15 18 34 23 11	0	0	0	0	0	2	6	0	0	0	0	33 18 15 34 11 23 C
A 33 16 18 34 24 11	0	0	0	0	0	0	1	0	0	0	0	33 18 16 34 11 24 C
A 33 16 17 34 24 10	0	0	0	0	0	0	8	0	0	0	0	33 17 16 34 10 24 C
A 33 17 17 34 25 10	0	0	0	0	0	0	1	0	0	0	0	33 17 17 34 10 25 C
A 33 17 16 34 25 9	0	0	0	0	0	0	6	1	0	0	0	33 16 17 34 9 25 C
A 33 18 15 34 26 8	0	0	0	0	0	0	3	4	0	0	0	33 15 18 34 8 26 C
A 33 19 15 34 27 8	0	0	0	0	0	0	0	1	0	0	0	33 15 19 34 8 27 C
A 33 19 14 34 27 7	0	0	0	0	0	0	1	7	0	0	0	33 14 19 34 7 27 C
A 33 20 14 34 28 7	0	0	0	0	0	0	0	1	0	0	0	33 14 20 34 7 28 C
A 33 20 13 34 28 6	0	0	0	0	0	0	0	7	0	0	0	33 13 20 34 6 28 C
A 33 21 13 34 29 6	0	0	0	0	0	0	0	1	0	0	0	33 13 21 34 6 29 C
A 33 21 12 34 29 5	0	0	0	0	0	0	0	4	2	0	0	33 12 21 34 5 29 C
A 33 22 11 34 30 4	0	0	0	0	0	0	0	1	4	0	0	33 11 22 34 4 30 C
A 33 23 10 34 31 3	0	0	0	0	0	0	0	0	4	0	0	33 10 23 34 3 31 C
A 33 24 9 34 32 2	0	0	0	0	0	0	0	0	2	0	0	33 9 24 34 2 32 C
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B 33 8 25 34 17 18	0	0	0	0	1	0	0	0	0	0	0	33 25 8 34 18 17 B
B 33 9 24 34 18 17	0	0	0	0	1	0	0	0	0	0	0	33 24 9 34 17 18 B
B 33 10 23 34 19 16	0	0	0	0	1	0	0	0	0	0	0	33 23 10 34 16 19 B
B 33 11 22 34 20 15	0	0	0	0	0	1	0	0	0	0	0	33 22 11 34 15 20 B
B 33 12 21 34 21 14	0	0	0	0	0	1	0	0	0	0	0	33 21 12 34 14 21 B
B 33 13 20 34 22 13	0	0	0	0	0	1	0	0	0	0	0	33 20 13 34 13 22 B
B 33 14 19 34 23 12	0	0	0	0	0	1	1	0	0	0	0	33 19 14 34 12 23 B
B 33 15 18 34 24 11	0	0	0	0	0	0	1	0	0	0	0	33 18 15 34 11 24 B
B 33 16 17 34 25 10	0	0	0	0	0	0	1	0	0	0	0	33 17 16 34 10 25 B
B 33 17 16 34 26 9	0	0	0	0	0	0	1	0	0	0	0	33 16 17 34 9 26 B
B 33 18 15 34 27 8	0	0	0	0	0	0	0	1	0	0	0	33 15 18 34 8 27 B
B 33 19 14 34 28 7	0	0	0	0	0	0	0	1	0	0	0	33 14 19 34 7 28 B
B 33 20 13 34 29 6	0	0	0	0	0	0	0	1	0	0	0	33 13 20 34 6 29 B
						$\Delta\tau$ = 17						
C 33 12 21 34 21 13	0	0	0	0	0	1	0	0	0	0	0	33 21 12 34 13 21 A
J=34 Δ J = 0												
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C 34 17 17 34 18 17	1281429	1253634	1167407	1043625	823356	620402	1326572	1589810	1656929	1674635	1675714	34 17 17 34 17 18 A
A 34 18 17 34 18 16	1878655	1877709	1862203	1803795	1582579	917010	803893	1064303	1203666	1299803	1330714	34 17 18 34 16 18 C
C 34 18 16 34 19 16	1229244	1204172	1126536	1015841	824622	563612	1060092	1385087	1462819	1483134	1484370	34 16 18 34 16 19 A
A 34 19 16 34 19 15	2093193	2092361	2078734	2027637	1838243	1327357	759994	1076265	1234785	1342566	1377101	34 16 19 34 15 19 C
C 34 19 15 34 20 15	1174160	1151503	1081438	982020	813494	593259	762715	1188701	1279739	1303198	1304622	34 15 19 34 15 20 A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	34	20	15	34	20	14	2319328	2318594	2306594	2261743	2097861	1690131	762646	1076918	1260017	1381767	1420588	34	15	20	34	14	20	C
C	34	20	14	34	21	14	1116176	1095689	1032400	942907	793097	607909	492791	999077	1107499	1134819	1136471	34	14	20.	34	14	21	A
A	34	21	14	34	21	13	2557059	2556412	2545836	2506401	2363728	2023601	1036950	1061692	1278268	1417192	1461176	34	14	21	34	13	21	C
C	34	21	13	34	22	13	1055294	1036782	979639	899042	765276	605359	394688	813077	945816	977983	979916	34	13	21	34	13	22	A
A	34	22	13	34	22	12	2806387	2805816	2796501	2761824	2637248	2347789	1564443	1021991	1287861	1448533	1498866	34	13	22	34	12	22	C
C	34	22	12	34	23	12	991513	974820	923323	850825	731222	591162	403167	622755	794243	832671	834958	34	12	22	34	12	23	A
A	34	23	12	34	23	11	3067311	3066810	3058620	3028173	2919349	2670714	2058495	958330	1286052	1475337	1533655	34	12	23	34	11	23	C
C	34	23	11	34	24	11	924832	909833	863583	798562	691751	568331	411497	418207	652013	698854	701597	34	11	23	34	11	24	A
A	34	24	11	34	24	10	3339832	3339393	3332218	3305570	3210683	2996390	2494137	1033049	1267953	1496913	1565546	34	11	24	34	10	24	C
C	34	24	10	34	25	10	855252	841847	800523	742489	647448	538604	404851	266150	517618	576486	579832	34	10	24	34	10	25	A
A	34	25	10	34	25	9	3623950	3623567	3617315	3594113	3511728	3327192	2906745	1533996	1224162	1512163	1594538	34	10	25	34	9	25	C
C	34	25	9	34	26	9	782773	770880	734228	682794	598747	503081	387825	226792	387242.	465494	469664	34	9	25	34	9	26	A
A	34	26	9	34	26	8	3919664	3919333	3913928	3893880	3822841	3664665	3310726	2260774	1149167	1519233	1620630	34	9	26	34	8	26	C
C	34	26	8	34	27	8	707395	696949	664764	619624	545981	462509	363170	228119	253959	365747	371092	34	8	26	34	8	27	A
A	34	27	8	34	27	7	4226975	4226692	4222069	4204930	4144299	4009884	3712757	2892714	1210999	1514739	1643824	34	8	27	34	7	27	C
C	34	27	7	34	28	7	629118	620067	592187	553101	489408	417426	332428	221093	149828	276992	284118	34	7	27	34	7	28	A
A	34	28	7	34	28	6	4545882	4545644	4541750	4527317	4476318	4363626	4116629	3459847	1812758	1491881	1664118	34	7	28	34	6	28	C
C	34	28	6	34	29	6	547941	540246	516543	483323	429234	368229	296560	204607	115911	198646	208739	34	6	28	34	6	29	A
A	34	29	6	34	29	5	4876387	4876190	4872979	4861080	4819074	4726478	4524756	4000013	2786906	1437148	1681513	34	6	29	34	5	29	C
C	34	29	5	34	30	5	463866	457494	437869	410370	365623	315225	256213	181379	109590	128939	144958	34	5	29	34	5	30	A
A	34	30	5	34	30	4	5218487	5218330	5215763	5206254	5172706	5098891	4938785	4528123	3646286	1388356	1696008	34	5	30	34	4	30	C
C	34	30	4	34	31	4	376891	371818	356196	334310	298710	258652	211848	152894	97999	67930	92773	34	4	30	34	4	31	A
A	34	31	4	34	31	3	5572185	5572065	5570110	5562868	5537332	5481221	5359905	5051644	4412800	1821027	1707605	34	4	31	34	3	31	C
C	34	31	3	34	32	3	287017	283226	271552	255199	228606	198702	163807	120025	79862	35274	52185	34	3	31	34	3	32	A
A	34	32	3	34	32	2	5937465	5937383	5936024	5930946	5913047	5873757	5789003	5575008	5140087	3231023	1716303	34	3	32	34	2	32	C
C	34	32	2	34	33	2	194243	191722	183959	173085	155404	135528	112354	83340	56911	24464	23193	34	2	32	34	2	33	A
A	34	33	2	34	33	1	6314308	6314197	6313452	6310461	6299929	6276731	6226762	6101118	5848606	4827827	1722101	34	2	33	34	1	33	C
C	34	33	1	34	34	1	98553	97313	93436	88006	79180	69259	57696	43235	30102	14159	5798	34	1	33	34	1	34	A
A	34	34	1	34	34	0	6702090	6700406	6702472	6700896	6697876	6690335	6673723	6631998	6548429	6219896	3450000	34	1	34	34	0	34	C
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B	34	17	17	34	18	16	1281429	1309517	1400540	1542127	1824970	2584928	1944699	1621040	1463094	1361933	1330714	34	17	17	34	16	18	B
B	34	18	17	34	19	16	1229244	1254592	1336750	1464244	1715130	2081789	1941921	1621040	1463094	1361933	1330714	34	17	18	34	16	19	B
B	34	18	16	34	19	15	1229244	1254592	1336750	1464244	1715147	2162023	2095814	1702289	1524893	1411953	1377101	34	16	18	34	15	19	B
B	34	19	16	34	20	15	1174160	1197075	1271364	1386473	1610841	1950524	2060156	1702287	1524893	1411953	1377101	34	16	19	34	15	20	B
B	34	19	15	34	20	14	1174160	1197075	1271364	1386473	1610842	1956763	2433420	1787816	1586601	1459725	1420588	34	15	19	34	14	20	B
B	34	20	15	34	21	14	1116176	1136903	1204111	1308149	1509666	1810147	2133084	1787783	1586601	1459725	1420588	34	15	20	34	14	21	B
B	34	20	14	34	21	13	1116176	1136903	1204111	1308149	1509666	1810645	2684858	1880744	1649156	1505459	1461176	34	14	20	34	13	21	B
B	34	21	14	34	22	13	1055294	1074027	1134780	1228773	1410071	1676193	2087917	1880292	1649156	1505459	1461176	34	14	21	34	13	22	B
B	34	21	13	34	22	12	1055294	1074027	1134780	1228773	1410071	1676231	2254218	1987622	1713925	1549448	1498866	34	13	21	34	12	22	B
B	34	22	13	34	23	12	991513	1008408	1063210	1147965	1310988	1547706	1942742	1981842	1713924	1549448	1498866	34	13	22	34	12	23	B
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B	34	23	12	34	24	11	924832	940015	989270	1065431	1211646	1422436	1771797	2077857	1782971	1592119	1533655	34	12	23	34	11	24	B
B	34	23	11	34	24	10	924832	940015	989270	1065431	1211646	1422436	1772817	2564292	1859728	1634111	1565546	34	11	23	34	10	24	B
B	34	24	11	34	25	10	855252	868824	912857	980938	1111471	1298751	1604707	2098135	1859447	1634111	1565546	34	11	24	34	10	25	B
B	34	24	10	34	25	9	855252	868824	912857	980938	1111471	1298751	1604781	2580990	1950878	1676414	1594538	34	10	24	34	9	25	B
B	34	25	10	34	26	9	782773	794815	833889	894298	1010023	1175522	1443123	1973790	1946747	1676413	1594538	34	10	25	34	9	26	B
B	34	25	9	34	26	8	782773	794815	833889	894298	1010023	1175522	1443128	2060831	2092580	1720630	1620630	34	9	25	34	8	26	B
B	34	26	9	34	27	8	707395	717972	752296	805361	906959	1051938	1284786	1760610	2033726	1720629	1620630	34	9	26	34	8	27	B
B	34	26	8	34	27	7	707395	717972	752296	805361	906959	1051938	1284787	1766210	2499867	1769498	1643824	34	8	26	34	7	27	B
B	34	27	8	34	28	7	629118	638282	668024	714004	802006	927397	1127909	1533671	2042196	1769479	1643824	34	8	27	34	7	28	B
B	34	27	7	34	28	6	629118	638282	668024	714004	802006	927397	1127909	1534016	2610126	1828144	1664118	34	7	27	34	6	28	B
B	34	28	7	34	29	6	547941	555734	581025	620126	694942	801442	971260	1311548	1869890	1827613	1664118	34	7	28	34	6	29	B
B	34	28	6	34	29	5	547941	555734	581025	620126	694942	801442	971260	1311567	1980940	1910133	1681513	34	6	28	34	5	29	B
B	34	29	6	34	30	5	463866	470318	491261	523641	585588	673710	813969	1093267	1574011	1898782	1681513	34	6	29	34	5	30	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	34	29	5	34	30	4	463866	470318	491261	523641	585588	673710	813969	1093267	1580005	2130293	1696008	34	5	29	34	4	30	B
B	34	30	5	34	31	4	376891	382028	398701	424480	473793	543916	655396	876555	1255659	1939350	1696008	34	5	30	34	4	31	B
B	34	30	4	34	31	3	376891	382028	398701	424480	473793	543916	655396	876555	1255928	2697623	1707605	34	4	30	34	3	31	B
B	34	31	4	34	32	3	287017	290856	303316	322582	359434	411825	495057	659818	940547	1752276	1707605	34	4	31	34	3	32	B
B	34	31	3	34	32	2	287016	290855	303316	322582	359434	411825	495057	659818	940557	2142644	1716303	34	3	31	34	2	32	B
B	34	32	3	34	33	2	194244	196797	205084	217897	242406	277244	332570	441964	627753	1247602	1716303	34	3	32	34	2	33	B
B	34	32	2	34	33	1	194231	196807	205083	217896	242406	277244	332570	441964	627753	1270274	1722101	34	2	32	34	1	33	B
B	34	33	2	34	34	1	98574	99847	103983	110382	122620	140014	167633	222216	314797	629150	1722101	34	2	33	34	1	34	B
B	34	33	1	34	34	0	98571	99947	103983	110417	122623	140014	167633	222216	314797	629517	3450000	34	1	33	34	0	34	B
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C	34	17	18	34	18	16	1281429	1253634	1167407	1043625	823161	340521	52219	12993	2840	163	0	34	18	17	34	16	18	A
A	34	17	17	34	19	16	0	134	2338	10658	42217	167275	801586	1064303	1203666	1299803	1330714	34	17	17	34	16	19	C
C	34	18	17	34	19	15	1229244	1204172	1126536	1015841	824608	518909	65595	15858	3450	198	0	34	17	18	34	15	19	A
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C	34	19	16	34	20	14	1174160	1151503	1081438	982020	813493	589218	94977	19421	4197	240	0	34	16	19	34	14	20	A
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C	34	20	15	34	21	13	1116176	1095689	1032400	942907	793097	607559	188361	23928	5125	293	0	34	15	20	34	13	21	A
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A	34	21	13	34	23	12	0	60	1037	4693	18045	50183	147036	1016464	1287860	1448533	1498866	34	13	21	34	12	23	C
C	34	22	13	34	23	11	991513	974820	923323	850825	731222	591160	396788	38449	7789	442	0	34	13	22	34	11	23	A
A	34	22	12	34	24	11	0	48	831	3758	14394	39646	105268	893150	1286035	1475337	1533655	34	12	22	34	11	24	C
C	34	23	12	34	24	10	924832	909833	863583	798562	691751	568331	410967	62482	9754	549	0	34	12	23	34	10	24	A
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C	34	24	11	34	25	9	855252	841847	800523	742489	647448	538604	404810	132449	12415	691	0	34	11	24	34	9	25	A
A	34	24	10	34	26	9	0	30	514	2318	8828	23987	61256	264005	1219859	1512163	1594538	34	10	24	34	9	26	C
C	34	25	10	34	26	8	782773	770880	734228	682794	598747	503081	387823	205951	16415	884	0	34	10	25	34	8	26	A
A	34	25	9	34	27	8	0	23	393	1771	6732	18204	45923	143554	1091431	1519232	1620630	34	9	25	34	8	27	C
C	34	26	9	34	27	7	707395	696949	664764	619624	545981	462509	363170	226474	27054	1156	0	34	9	26	34	7	27	A
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C	34	27	8	34	28	6	629118	620067	592187	553101	489408	417426	332428	220977	61640	1555	0	34	8	27	34	6	28	A
A	34	27	7	34	29	6	0	12	211	950	3599	9661	23949	68330	304451	1491321	1664118	34	7	27	34	6	29	C
C	34	28	7	34	29	5	547941	540246	516543	483323	429234	368229	296560	204601	101929	2181	0	34	7	28	34	5	29	A
A	34	28	6	34	30	5	0	8	145	653	2469	6611	16287	45594	137558	1425070	1681513	34	6	28	34	5	30	C
C	34	29	6	34	30	4	463866	457494	437869	410370	365623	315225	256213	181379	108647	3438	0	34	6	29	34	4	30	A
A	34	29	5	34	31	4	0	5	93	419	1585	4234	10376	28614	79187	1188217	1696008	34	5	29	34	4	31	C
C	34	30	5	34	31	3	376891	371818	356196	334310	298710	258652	211848	152894	97949	8339	0	34	5	30	34	3	31	A
A	34	30	4	34	32	3	0	3	54	243	917	2446	5968	16261	43659	554054	1707605	34	4	30	34	3	32	C
C	34	31	4	34	32	2	287016	283226	271552	255199	228606	198702	163807	120025	79860	21023	0	34	4	31	34	2	32	A
A	34	31	3	34	33	2	0	2	26	117	443	1180	2868	7739	20321	137525	1716303	34	3	31	34	2	33	C
C	34	32	3	34	33	1	194242	191719	183957	173083	155404	135528	112354	83340	56911	23565	0	34	3	32	34	1	33	A
A	34	32	2	34	34	1	0	0	8	38	143	380	921	2465	6362	32488	1722101	34	2	32	34	1	34	C
C	34	33	2	34	34	0	98571	97276	93436	87997	79178	69259	57696	43235	30102	14139	0	34	2	33	34	0	34	A
												Δτ = 5												
C	34	16	18	34	19	16	0	26	444	1970	8014	63150	52095	12993	2840	163	0	34	18	16	34	16	19	A
A	34	17	18	34	19	15	0	134	2338	10658	42209	99641	12472	2840	632	37	0	34	18	17	34	15	19	C
C	34	17	17	34	20	15	0	19	313	1374	5346	24524	63668	15858	3450	198	0	34	17	17	34	15	20	A
A	34	18	17	34	20	14	0	111	1921	8735	34232	96134	23208	4141	904	53	0	34	17	18	34	14	20	C
C	34	18	16	34	21	14	0	13	220	960	3621	11597	71142	19421	4197	240	0	34	16	18	34	14	21	A
A	34	19	16	34	21	13	0	91	1573	7139	27754	79064	59868	6142	1305	76	0	34	16	19	34	13	21	C
C	34	19	15	34	22	13	0	9	155	670	2469	7109	55123	23920	5125	293	0	34	15	19	34	13	22	A
A	34	20	15	34	22	12	0	74	1282	5808	22439	63161	117520	9366	1910	111	0	34	15	20	34	12	22	C
C	34	20	14	34	23	12	0	6	108	465	1684	4599	23081	29645	6292	358	0	34	14	20	34	12	23	A
A	34	21	14	34	23	11	0	60	1037	4693	18045	50181	126104	15253	2846	163	0	34	14	21	34	11	23	C
C	34	21	13	34	24	11	0	4	74	320	1143	3008	9271	36219	7789	442	0	34	13	21	34	11	24	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
A	34	22	13	34	24	10	0	48	831	3758	14394	39646	103889	32629	4350	244	0	34	13	22	34	10	24	C
C	34	22	12	34	25	10	0	3	51	217	768	1966	5121	38367	9752	549	0	34	12	22	34	10	25	A
A	34	23	12	34	25	9	0	38	659	2974	11356	31042	80443	89545	6898	374	0	34	12	23	34	9	25	C
C	34	23	11	34	26	9	0	2	34	145	507	1273	3100	24374	12378	691	0	34	11	23	34	9	26	A
A	34	24	11	34	26	8	0	30	514	2318	8828	23987	61252	145758	11726	593	0	34	11	24	34	8	26	C
C	34	24	10	34	27	8	0	1	22	94	328	809	1883	8414	15712	884	0	34	10	24	34	8	27	A
A	34	25	10	34	27	7	0	23	393	1771	6732	18204	45923	132507	26082	977	0	34	10	25	34	7	27	C
C	34	25	9	34	28	7	0	1	14	59	205	500	1126	3302	17738	1156	0	34	9	25	34	7	28	A
A	34	26	9	34	28	6	0	17	293	1319	5006	13483	33685	98003	80484	1701	0	34	9	26	34	6	28	C
C	34	26	8	34	29	6	0	1	8	36	123	297	652	1671	11906	1555	0	34	8	26	34	6	29	A
A	34	27	8	34	29	5	0	12	211	950	3599	9661	23949	68302	144453	3196	0	34	8	27	34	5	29	C
C	34	27	7	34	30	5	0	0	5	20	70	167	358	857	3606	2165	0	34	7	27	34	5	30	A
A	34	28	7	34	30	4	0	8	145	653	2469	6611	16287	45593	123828	7122	0	34	7	28	34	4	30	C
C	34	28	6	34	31	4	0	0	2	11	36	86	182	414	1065	3011	0	34	6	28	34	4	31	A
A	34	29	6	34	31	3	0	5	93	419	1585	4234	10376	28614	78650	26210	0	34	6	29	34	3	31	C
C	34	29	5	34	32	3	0	0	1	5	17	39	82	179	392	3113	0	34	5	29	34	3	32	A
A	34	30	5	34	32	2	0	3	54	243	917	2446	5968	16261	43642	92261	0	34	5	30	34	2	32	C
C	34	30	4	34	33	2	0	0	0	2	6	14	29	63	127	1066	0	34	4	30	34	2	33	A
A	34	31	4	34	33	1	0	2	26	117	443	1180	2868	7739	20321	91471	0	34	4	31	34	1	33	C
C	34	31	3	34	34	1	0	0	0	0	1	3	7	14	27	107	0	34	3	31	34	1	34	A
A	34	32	3	34	34	0	0	0	8	38	143	380	921	2465	6362	31556	0	34	3	32	34	0	34	C
												$\Delta\tau$ = 6												
B	34	16	19	34	19	16	0	27	493	2463	12340	36934	12340	2463	493	27	0	34	19	16	34	16	19	B
B	34	16	18	34	19	15	0	27	493	2463	12367	117913	19299	3552	702	38	0	34	18	16	34	15	19	B
B	34	17	18	34	20	15	0	19	348	1718	8237	31682	18773	3552	702	38	0	34	18	17	34	15	20	B
B	34	17	17	34	20	14	0	19	348	1718	8238	49475	36047	5180	1005	55	0	34	17	17	34	14	20	B
B	34	18	17	34	21	14	0	13	245	1201	5576	21918	27839	5180	1005	55	0	34	17	18	34	14	21	B
B	34	18	16	34	21	13	0	13	245	1201	5576	23370	90320	7689	1451	78	0	34	16	18	34	13	21	B
B	34	19	16	34	22	13	0	9	172	838	3801	14199	35200	7686	1451	78	0	34	16	19	34	13	22	B
B	34	19	15	34	22	12	0	9	172	838	3801	14274	133525	11739	2122	114	0	34	15	19	34	12	22	B
B	34	20	15	34	23	12	0	7	120	581	2592	9213	32852	11688	2122	114	0	34	15	20	34	12	23	B
B	34	20	14	34	23	11	0	7	120	581	2592	9218	65924	19168	3163	167	0	34	14	20	34	11	23	B
B	34	21	14	34	24	11	0	5	83	400	1759	6023	23228	18128	3163	167	0	34	14	21	34	11	24	B
B	34	21	13	34	24	10	0	5	83	400	1759	6023	26707	41062	4837	250	0	34	13	21	34	10	24	B
B	34	22	13	34	25	10	0	3	56	271	1181	3935	14518	26699	4836	250	0	34	13	22	34	10	25	B
B	34	22	12	34	25	9	0	3	56	271	1181	3935	14696	105834	7675	384	0	34	12	22	34	9	25	B
B	34	23	12	34	26	9	0	2	38	181	781	2547	8867	31217	7653	384	0	34	12	23	34	9	26	B
B	34	23	11	34	26	8	0	2	38	181	781	2547	8876	112074	13068	608	0	34	11	23	34	8	26	B
B	34	24	11	34	27	8	0	1	24	118	504	1619	5386	25294	12534	608	0	34	11	24	34	8	27	B
B	34	24	10	34	27	7	0	1	24	118	504	1619	5386	42256	29111	1002	0	34	10	24	34	7	27	B
B	34	25	10	34	28	7	0	1	15	74	316	1001	3218	15404	19820	1002	0	34	10	25	34	7	28	B
B	34	25	9	34	28	6	0	1	15	74	316	1001	3218	16589	86128	1744	0	34	9	25	34	6	28	B
B	34	26	9	34	29	6	0	1	9	45	189	594	1862	8329	24385	1744	0	34	9	26	34	6	29	B
B	34	26	8	34	29	5	0	1	9	45	189	594	1862	8374	106502	3280	0	34	8	26	34	5	29	B
B	34	27	8	34	30	5	0	0	5	25	107	333	1024	4287	18901	3256	0	34	8	27	34	5	30	B
B	34	27	7	34	30	4	0	0	5	25	107	333	1024	4288	36052	7312	0	34	7	27	34	4	30	B
B	34	28	7	34	31	4	0	0	3	13	56	172	520	2071	9675	6429	0	34	7	28	34	4	31	B
B	34	28	6	34	31	3	0	0	3	13	56	172	520	2071	10676	26828	0	34	6	28	34	3	31	B
B	34	29	6	34	32	3	0	0	1	6	25	78	233	893	3902	10942	0	34	6	29	34	3	32	B
B	34	29	5	34	32	2	0	0	1	6	25	78	233	893	3927	84890	0	34	5	29	34	2	32	B
B	34	30	5	34	33	2	0	0	0	2	9	29	84	313	1275	9787	0	34	5	30	34	2	33	B
B	34	30	4	34	33	1	0	0	0	2	9	29	84	313	1275	41548	0	34	4	30	34	1	33	B
B	34	31	4	34	34	1	0	0	0	1	2	7	19	70	268	2914	0	34	4	31	34	1	34	B
B	34	31	3	34	34	0	0	0	0	1	2	7	19	70	268	4282	0	34	3	31	34	0	34	B
												$\Delta\tau$ = 7												

	J K_{-1} K_{+1}	— J K_{-1} K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K_{-1} K_{+1}	— J K_{-1} K_{+1}	
C	34 16 19	34 19 15	0	26	444	1970	7996	15997	546	27	1	0	0	34 19 16	34 15 19	A
A	34 16 18	34 20 15	0	0	1	16	291	8642	12126	2840	632	37	0	34 18 16	34 15 20	C
C	34 17 18	34 20 14	0	19	313	1374	5345	15379	1248	46	2	0	0	34 18 17	34 14 20	A
A	34 17 17	34 21 14	0	0	0	9	163	2675	17778	4141	904	53	0	34 17 17	34 14 21	C
C	34 18 17	34 21 13	0	13	220	960	3621	10861	4036	81	3	0	0	34 17 18	34 13 21	A
A	34 18 16	34 22 13	0	0	0	6	93	1017	21127	6140	1305	76	0	34 16 18	34 13 22	C
C	34 19 16	34 22 12	0	9	155	670	2469	7071	9641	149	6	0	0	34 16 19	34 12 22	A
A	34 19 15	34 23 12	0	0	0	3	54	511	14530	9325	1910	111	0	34 15 19	34 12 23	C
C	34 20 15	34 23 11	0	6	108	465	1684	4597	10959	295	11	0	0	34 15 20	34 11 23	A
A	34 20 14	34 24 11	0	0	0	2	31	273	4832	14413	2846	163	0	34 14 20	34 11 24	C
C	34 21 14	34 24 10	0	4	74	320	1143	3008	8035	789	20	0	0	34 14 21	34 10 24	A
A	34 21 13	34 25 10	0	0	0	1	18	148	1524	20904	4349	244	0	34 13 21	34 10 25	C
C	34 22 13	34 25 9	0	3	51	217	768	1966	5058	2756	38	0	0	34 13 22	34 9 25	A
A	34 22 12	34 26 9	0	0	0	1	10	80	671	22232	6878	374	0	34 12 22	34 9 26	C
C	34 23 12	34 26 8	0	2	34	145	507	1273	3097	5389	80	0	0	34 12 23	34 8 26	A
A	34 23 11	34 27 8	0	0	0	0	5	43	326	11631	11243	593	0	34 11 23	34 8 27	C
C	34 24 11	34 27 7	0	1	22	94	328	809	1883	4931	226	0	0	34 11 24	34 7 27	A
A	34 24 10	34 28 7	0	0	0	0	3	22	158	3016	17613	977	0	34 10 24	34 7 28	C
C	34 25 10	34 28 6	0	1	14	59	205	500	1126	3062	916	1	0	34 10 25	34 6 28	A
A	34 25 9	34 29 6	0	0	0	0	1	11	75	883	20252	1700	0	34 9 25	34 6 29	C
C	34 26 9	34 29 5	0	1	8	36	123	297	652	1662	2074	2	0	34 9 26	34 5 29	A
A	34 26 8	34 30 5	0	0	0	0	1	5	34	332	10704	3173	0	34 8 26	34 5 30	C
C	34 27 8	34 30 4	0	0	5	20	70	167	358	857	1848	7	0	34 8 27	34 4 30	A
A	34 27 7	34 31 4	0	0	0	0	0	2	14	124	2213	6260	0	34 7 27	34 4 31	C
C	34 28 7	34 31 3	0	0	2	11	36	86	182	414	964	35	0	34 7 28	34 3 31	A
A	34 28 6	34 32 3	0	0	0	0	0	1	5	41	423	10539	0	34 6 28	34 3 32	C
C	34 29 6	34 32 2	0	0	1	5	17	39	82	179	390	181	0	34 6 29	34 2 32	A
A	34 29 5	34 33 2	0	0	0	0	0	0	1	11	92	8345	0	34 5 29	34 2 33	C
C	34 30 5	34 33 1	0	0	0	2	6	14	29	63	127	235	0	34 5 30	34 1 33	A
A	34 30 4	34 34 1	0	0	0	0	0	0	0	2	14	1236	0	34 4 30	34 1 34	C
C	34 31 4	34 34 0	0	0	0	0	1	3	7	14	27	73	0	34 4 31	34 0 34	A
								$\Delta\tau$ = 9								
C	34 15 19	34 20 15	0	0	0	3	68	2140	531	27	1	0	0	34 19 15	34 15 20	A
A	34 16 19	34 20 14	0	0	1	16	290	2394	188	7	0	0	0	34 19 16	34 14 20	C
C	34 16 18	34 21 14	0	0	0	2	30	934	960	46	2	0	0	34 18 16	34 14 21	A
A	34 17 18	34 21 13	0	0	0	9	163	1693	744	14	1	0	0	34 18 17	34 13 21	C
C	34 17 17	34 22 13	0	0	0	1	14	234	1486	81	3	0	0	34 17 17	34 13 22	A
A	34 18 17	34 22 12	0	0	0	6	93	953	2204	31	1	0	0	34 17 18	34 12 22	C
C	34 18 16	34 23 12	0	0	0	0	7	73	1572	148	6	0	0	34 16 18	34 12 23	A
A	34 19 16	34 23 11	0	0	0	3	54	508	3012	75	3	0	0	34 16 19	34 11 23	C
C	34 19 15	34 24 11	0	0	0	0	3	30	871	279	11	0	0	34 15 19	34 11 24	A
A	34 20 15	34 24 10	0	0	0	2	31	273	2343	244	6	0	0	34 15 20	34 10 24	C
C	34 20 14	34 25 10	0	0	0	0	2	13	229	509	20	0	0	34 14 20	34 10 25	A
A	34 21 14	34 25 9	0	0	0	1	18	148	1323	1059	14	0	0	34 14 21	34 9 25	C
C	34 21 13	34 26 9	0	0	0	0	1	6	58	737	38	0	0	34 13 21	34 9 26	A
A	34 22 13	34 26 8	0	0	0	1	10	80	663	2604	35	0	0	34 13 22	34 8 26	C
C	34 22 12	34 27 8	0	0	0	0	0	3	20	650	76	0	0	34 12 22	34 8 27	A
A	34 23 12	34 27 7	0	0	0	0	5	43	325	2840	124	0	0	34 12 23	34 7 27	C
C	34 23 11	34 28 7	0	0	0	0	0	1	8	259	153	0	0	34 11 23	34 7 28	A
A	34 24 11	34 28 6	0	0	0	0	3	22	158	1784	640	1	0	34 11 24	34 6 28	C
C	34 24 10	34 29 6	0	0	0	0	0	0	3	50	243	1	0	34 10 24	34 6 29	A
A	34 25 10	34 29 5	0	0	0	0	1	11	75	819	1885	2	0	34 10 25	34 5 29	C
C	34 25 9	34 30 5	0	0	0	0	0	0	1	11	221	2	0	34 9 25	34 5 30	A
A	34 26 9	34 30 4	0	0	0	0	1	5	34	331	2103	7	0	34 9 26	34 4 30	C
C	34 26 8	34 31 4	0	0	0	0	0	0	0	3	81	6	0	34 8 26	34 4 31	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	34	27	8	34	31	3	0	0	0	0	0	2	14	124	1146	51	0	34	8	27	34	3	31	C
C	34	27	7	34	32	3	0	0	0	0	0	0	0	1	11	14	0	34	7	27	34	3	32	A
A	34	28	7	34	32	2	0	0	0	0	0	1	5	41	383	370	0	34	7	28	34	2	32	C
C	34	28	6	34	33	2	0	0	0	0	0	0	0	0	1	18	0	34	6	28	34	2	33	A
A	34	29	6	34	33	1	0	0	0	0	0	0	1	11	92	695	0	34	6	29	34	1	33	C
C	34	29	5	34	34	1	0	0	0	0	0	0	0	0	0	6	0	34	5	29	34	1	34	A
A	34	30	5	34	34	0	0	0	0	0	0	0	0	2	14	281	0	34	5	30	34	0	34	C
												$\Delta\tau = 10$												
B	34	15	20	34	20	15	0	0	0	4	102	650	102	4	0	0	0	34	20	15	34	15	20	B
B	34	15	19	34	20	14	0	0	0	4	105	4206	289	9	0	0	0	34	19	15	34	14	20	B
B	34	16	19	34	21	14	0	0	0	2	47	526	223	9	0	0	0	34	19	16	34	14	21	B
B	34	16	18	34	21	13	0	0	0	2	47	1866	1145	18	1	0	0	34	18	16	34	13	21	B
B	34	17	18	34	22	13	0	0	0	1	22	296	425	18	1	0	0	34	18	17	34	13	22	B
B	34	17	17	34	22	12	0	0	0	1	22	468	3366	39	1	0	0	34	17	17	34	12	22	B
B	34	18	17	34	23	12	0	0	0	1	11	137	590	39	1	0	0	34	17	18	34	12	23	B
B	34	18	16	34	23	11	0	0	0	1	11	146	4336	94	3	0	0	34	16	18	34	11	23	B
B	34	19	16	34	24	11	0	0	0	0	5	60	534	89	3	0	0	34	16	19	34	11	24	B
B	34	19	15	34	24	10	0	0	0	0	5	61	2481	305	7	0	0	34	15	19	34	10	24	B
B	34	20	15	34	25	10	0	0	0	0	3	27	319	197	7	0	0	34	15	20	34	10	25	B
B	34	20	14	34	25	9	0	0	0	0	3	27	655	1322	15	0	0	34	14	20	34	9	25	B
B	34	21	14	34	26	9	0	0	0	0	1	12	143	358	15	0	0	34	14	21	34	9	26	B
B	34	21	13	34	26	8	0	0	0	0	1	12	165	3214	39	0	0	34	13	21	34	8	26	B
B	34	22	13	34	27	8	0	0	0	0	1	5	58	435	38	0	0	34	13	22	34	8	27	B
B	34	22	12	34	27	7	0	0	0	0	1	5	58	3194	138	0	0	34	12	22	34	7	27	B
B	34	23	12	34	28	7	0	0	0	0	0	2	23	321	93	0	0	34	12	23	34	7	28	B
B	34	23	11	34	28	6	0	0	0	0	0	2	23	1292	711	1	0	34	11	23	34	6	28	B
B	34	24	11	34	29	6	0	0	0	0	0	1	9	149	190	1	0	34	11	24	34	6	29	B
B	34	24	10	34	29	5	0	0	0	0	0	1	9	251	2080	2	0	34	10	24	34	5	29	B
B	34	25	10	34	30	5	0	0	0	0	0	0	3	51	240	2	0	34	10	25	34	5	30	B
B	34	25	9	34	30	4	0	0	0	0	0	0	3	55	2171	8	0	34	9	25	34	4	30	B
B	34	26	9	34	31	4	0	0	0	0	0	0	1	15	161	7	0	34	9	26	34	4	31	B
B	34	26	8	34	31	3	0	0	0	0	0	0	1	15	805	53	0	34	8	26	34	3	31	B
B	34	27	8	34	32	3	0	0	0	0	0	0	0	4	56	21	0	34	8	27	34	3	32	B
B	34	27	7	34	32	2	0	0	0	0	0	0	0	4	108	379	0	34	7	27	34	2	32	B
B	34	28	7	34	33	2	0	0	0	0	0	0	0	1	11	39	0	34	7	28	34	2	33	B
B	34	28	6	34	33	1	0	0	0	0	0	0	0	1	12	706	0	34	6	28	34	1	33	B
B	34	29	6	34	34	1	0	0	0	0	0	0	0	0	1	22	0	34	6	29	34	1	34	B
B	34	29	5	34	34	0	0	0	0	0	0	0	0	0	1	253	0	34	5	29	34	0	34	B
												$\Delta\tau = 11$												
C	34	15	20	34	20	14	0	0	0	3	66	319	7	0	0	0	0	34	20	15	34	14	20	A
A	34	15	19	34	21	14	0	0	0	0	2	231	145	7	0	0	0	34	19	15	34	14	21	C
C	34	16	19	34	21	13	0	0	0	2	30	262	32	0	0	0	0	34	19	16	34	13	21	A
A	34	16	18	34	22	13	0	0	0	0	1	82	276	14	1	0	0	34	18	16	34	13	22	C
C	34	17	18	34	22	12	0	0	0	1	14	148	118	0	0	0	0	34	18	17	34	12	22	A
A	34	17	17	34	23	12	0	0	0	0	0	17	380	31	1	0	0	34	17	17	34	12	23	C
C	34	18	17	34	23	11	0	0	0	0	7	68	199	1	0	0	0	34	17	18	34	11	23	A
A	34	18	16	34	24	11	0	0	0	0	0	4	324	71	3	0	0	34	16	18	34	11	24	C
C	34	19	16	34	24	10	0	0	0	0	3	30	186	4	0	0	0	34	16	19	34	10	24	A
A	34	19	15	34	25	10	0	0	0	0	0	1	142	157	6	0	0	34	15	19	34	10	25	C
C	34	20	15	34	25	9	0	0	0	0	2	13	112	20	0	0	0	34	15	20	34	9	25	A
A	34	20	14	34	26	9	0	0	0	0	0	1	30	286	14	0	0	34	14	20	34	9	26	C
C	34	21	14	34	26	8	0	0	0	0	1	6	50	62	0	0	0	34	14	21	34	8	26	A
A	34	21	13	34	27	8	0	0	0	0	0	0	6	343	34	0	0	34	13	21	34	8	27	C
C	34	22	13	34	27	7	0	0	0	0	0	3	20	85	1	0	0	34	13	22	34	7	27	A
A	34	22	12	34	28	7	0	0	0	0	0	0	2	231	84	0	0	34	12	22	34	7	28	C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	34	23	12	34	28	6	0	0	0	0	0	1	8	64	4	0	0	34	12	23	34	6	28	A
A	34	23	11	34	29	6	0	0	0	0	0	0	1	69	171	1	0	34	11	23	34	6	29	C
C	34	24	11	34	29	5	0	0	0	0	0	0	3	30	16	0	0	34	11	24	34	5	29	A
A	34	24	10	34	30	5	0	0	0	0	0	0	0	10	214	2	0	34	10	24	34	5	30	C
C	34	25	10	34	30	4	0	0	0	0	0	0	1	10	24	0	0	34	10	25	34	4	30	A
A	34	25	9	34	31	4	0	0	0	0	0	0	0	2	134	7	0	34	9	25	34	4	31	C
C	34	26	9	34	31	3	0	0	0	0	0	0	0	3	16	0	0	34	9	26	34	3	31	A
A	34	26	8	34	32	3	0	0	0	0	0	0	0	0	32	21	0	34	8	26	34	3	32	C
C	34	27	8	34	32	2	0	0	0	0	0	0	0	1	6	0	0	34	8	27	34	2	32	A
A	34	27	7	34	33	2	0	0	0	0	0	0	0	0	3	38	0	34	7	27	34	2	33	C
C	34	28	7	34	33	1	0	0	0	0	0	0	0	0	1	1	0	34	7	28	34	1	33	A
A	34	28	6	34	34	1	0	0	0	0	0	0	0	0	0	21	0	34	6	28	34	1	34	C
C	34	29	6	34	34	0	0	0	0	0	0	0	0	0	0	1	0	34	6	29	34	0	34	A
												$\Delta\tau$ = 13												
C	34	14	20	34	21	14	0	0	0	0	1	34	5	0	0	0	0	34	20	14	34	14	21	A
A	34	15	20	34	21	13	0	0	0	0	2	35	4	0	0	0	0	34	20	15	34	13	21	C
C	34	15	19	34	22	13	0	0	0	0	0	20	12	0	0	0	0	34	19	15	34	13	22	A
A	34	16	19	34	22	12	0	0	0	0	1	23	18	0	0	0	0	34	19	16	34	12	22	C
C	34	16	18	34	23	12	0	0	0	0	0	6	20	0	0	0	0	34	18	16	34	12	23	A
A	34	17	18	34	23	11	0	0	0	0	0	11	37	0	0	0	0	34	18	17	34	11	23	C
C	34	17	17	34	24	11	0	0	0	0	0	1	23	1	0	0	0	34	17	17	34	11	24	A
A	34	18	17	34	24	10	0	0	0	0	0	4	42	1	0	0	0	34	17	18	34	10	24	C
C	34	18	16	34	25	10	0	0	0	0	0	0	15	2	0	0	0	34	16	18	34	10	25	A
A	34	19	16	34	25	9	0	0	0	0	0	1	31	5	0	0	0	34	16	19	34	9	25	C
C	34	19	15	34	26	9	0	0	0	0	0	0	5	6	0	0	0	34	15	19	34	9	26	A
A	34	20	15	34	26	8	0	0	0	0	0	1	15	19	0	0	0	34	15	20	34	8	26	C
C	34	20	14	34	27	8	0	0	0	0	0	0	1	8	0	0	0	34	14	20	34	8	27	A
A	34	21	14	34	27	7	0	0	0	0	0	0	5	33	0	0	0	34	14	21	34	7	27	C
C	34	21	13	34	28	7	0	0	0	0	0	0	0	8	0	0	0	34	13	21	34	7	28	A
A	34	22	13	34	28	6	0	0	0	0	0	0	2	31	2	0	0	34	13	22	34	6	28	C
C	34	22	12	34	29	6	0	0	0	0	0	0	0	4	1	0	0	34	12	22	34	6	29	A
A	34	23	12	34	29	5	0	0	0	0	0	0	1	17	9	0	0	34	12	23	34	5	29	C
C	34	23	11	34	30	5	0	0	0	0	0	0	0	1	2	0	0	34	11	23	34	5	30	A
A	34	24	11	34	30	4	0	0	0	0	0	0	0	6	16	0	0	34	11	24	34	4	30	C
C	34	24	10	34	31	4	0	0	0	0	0	0	0	0	2	0	0	34	10	24	34	4	31	A
A	34	25	10	34	31	3	0	0	0	0	0	0	0	1	15	0	0	34	10	25	34	3	31	C
C	34	25	9	34	32	3	0	0	0	0	0	0	0	0	1	0	0	34	9	25	34	3	32	A
A	34	26	9	34	32	2	0	0	0	0	0	0	0	0	6	0	0	34	9	26	34	2	32	C
A	34	27	8	34	33	1	0	0	0	0	0	0	0	0	1	1	0	34	8	27	34	1	33	C
A	34	28	7	34	34	0	0	0	0	0	0	0	0	0	0	1	0	34	7	28	34	0	34	C
												$\Delta\tau$ = 14												
B	34	14	21	34	21	14	0	0	0	0	1	8	1	0	0	0	0	34	21	14	34	14	21	B
B	34	14	20	34	21	13	0	0	0	0	1	69	6	0	0	0	0	34	20	14	34	13	21	B
B	34	15	20	34	22	13	0	0	0	0	0	6	2	0	0	0	0	34	20	15	34	13	22	B
B	34	15	19	34	22	12	0	0	0	0	0	40	27	0	0	0	0	34	19	15	34	12	22	B
B	34	16	19	34	23	12	0	0	0	0	0	3	5	0	0	0	0	34	19	16	34	12	23	B
B	34	16	18	34	23	11	0	0	0	0	0	12	56	0	0	0	0	34	18	16	34	11	23	B
B	34	17	18	34	24	11	0	0	0	0	0	1	6	0	0	0	0	34	18	17	34	11	24	B
B	34	17	17	34	24	10	0	0	0	0	0	2	65	1	0	0	0	34	17	17	34	10	24	B
B	34	18	17	34	25	10	0	0	0	0	0	0	6	1	0	0	0	34	17	18	34	10	25	B
B	34	18	16	34	25	9	0	0	0	0	0	0	44	6	0	0	0	34	16	18	34	9	25	B
B	34	19	16	34	26	9	0	0	0	0	0	0	3	2	0	0	0	34	16	19	34	9	26	B
B	34	19	15	34	26	8	0	0	0	0	0	0	15	24	0	0	0	34	15	19	34	8	26	B
B	34	20	15	34	27	8	0	0	0	0	0	0	1	3	0	0	0	34	15	20	34	8	27	B
B	34	20	14	34	27	7	0	0	0	0	0	0	3	41	0	0	0	34	14	20	34	7	27	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	34	21	14	34	28	7	0	0	0	0	0	0	0	4	0	0	0	34	14	21	34	7	28	B
B	34	21	13	34	28	6	0	0	0	0	0	0	0	38	2	0	0	34	13	21	34	6	28	B
B	34	22	13	34	29	6	0	0	0	0	0	0	0	3	1	0	0	34	13	22	34	6	29	B
B	34	22	12	34	29	5	0	0	0	0	0	0	0	19	10	0	0	34	12	22	34	5	29	B
B	34	23	12	34	30	5	0	0	0	0	0	0	0	1	1	0	0	34	12	23	34	5	30	B
B	34	23	11	34	30	4	0	0	0	0	0	0	0	4	18	0	0	34	11	23	34	4	30	B
B	34	24	11	34	31	4	0	0	0	0	0	0	0	0	1	0	0	34	11	24	34	4	31	B
B	34	24	10	34	31	3	0	0	0	0	0	0	0	0	16	0	0	34	10	24	34	3	31	B
B	34	25	10	34	32	3	0	0	0	0	0	0	0	0	1	0	0	34	10	25	34	3	32	B
B	34	25	9	34	32	2	0	0	0	0	0	0	0	0	7	0	0	34	9	25	34	2	32	B
B	34	26	8	34	33	1	0	0	0	0	0	0	0	0	1	1	0	34	8	26	34	1	33	B
B	34	27	7	34	34	0	0	0	0	0	0	0	0	0	0	1	0	34	7	27	34	0	34	B
												Δτ = 15												
C	34	14	21	34	21	13	0	0	0	0	1	4	0	0	0	0	0	34	21	14	34	13	21	A
A	34	14	20	34	22	13	0	0	0	0	0	3	2	0	0	0	0	34	20	14	34	13	22	C
C	34	15	20	34	22	12	0	0	0	0	0	3	1	0	0	0	0	34	20	15	34	12	22	A
A	34	15	19	34	23	12	0	0	0	0	0	1	3	0	0	0	0	34	19	15	34	12	23	C
C	34	16	19	34	23	11	0	0	0	0	0	2	2	0	0	0	0	34	19	16	34	11	23	A
A	34	16	18	34	24	11	0	0	0	0	0	0	4	0	0	0	0	34	18	16	34	11	24	C
C	34	17	18	34	24	10	0	0	0	0	0	1	2	0	0	0	0	34	18	17	34	10	24	A
A	34	17	17	34	25	10	0	0	0	0	0	0	4	1	0	0	0	34	17	17	34	10	25	C
C	34	18	17	34	25	9	0	0	0	0	0	0	2	0	0	0	0	34	17	18	34	9	25	A
A	34	18	16	34	26	9	0	0	0	0	0	0	2	1	0	0	0	34	16	18	34	9	26	C
C	34	19	16	34	26	8	0	0	0	0	0	0	1	0	0	0	0	34	16	19	34	8	26	A
A	34	19	15	34	27	8	0	0	0	0	0	0	1	3	0	0	0	34	15	19	34	8	27	C
C	34	20	15	34	27	7	0	0	0	0	0	0	0	1	0	0	0	34	15	20	34	7	27	A
A	34	20	14	34	28	7	0	0	0	0	0	0	0	3	0	0	0	34	14	20	34	7	28	C
C	34	21	14	34	28	6	0	0	0	0	0	0	0	1	0	0	0	34	14	21	34	6	28	A
A	34	21	13	34	29	6	0	0	0	0	0	0	0	2	1	0	0	34	13	21	34	6	29	C
C	34	22	13	34	29	5	0	0	0	0	0	0	0	1	0	0	0	34	13	22	34	5	29	A
A	34	22	12	34	30	5	0	0	0	0	0	0	0	1	1	0	0	34	12	22	34	5	30	C
A	34	23	11	34	31	4	0	0	0	0	0	0	0	0	1	0	0	34	11	23	34	4	31	C
A	34	24	10	34	32	3	0	0	0	0	0	0	0	0	1	0	0	34	10	24	34	3	32	C
												Δτ = 18												
B	34	13	21	34	22	12	0	0	0	0	0	1	0	0	0	0	0	34	21	13	34	12	22	B
B	34	15	19	34	24	10	0	0	0	0	0	0	1	0	0	0	0	34	19	15	34	10	24	B
B	34	16	18	34	25	9	0	0	0	0	0	0	1	0	0	0	0	34	18	16	34	9	25	B
J=34			Δ J = 1																					
												Δτ = 0												
B	34	17	17	35	18	18	1968571	1937090	1833400	1666871	1310069	763288	1310069	1666871	1833400	1937090	1968571	34	17	17	35	18	18	B
B	34	18	16	35	19	17	2044286	2015773	1922096	1772807	1462568	892633	1137631	1557776	1744452	1859475	1894286	34	16	18	35	17	19	B
B	34	19	15	35	20	16	2121429	2095593	2010881	1876668	1603371	1133492	934127	1443904	1654796	1782837	1821429	34	15	19	35	16	20	B
B	34	20	14	35	21	15	2200000	2176603	2100010	1979210	1736716	1344640	773753	1322645	1563789	1707056	1750000	34	14	20	35	15	21	B
B	34	21	13	35	22	14	2280000	2258843	2189680	2080988	1865064	1528653	853662	1189375	1470507	1631966	1680000	34	13	21	35	14	22	B
B	34	22	12	35	23	13	2361429	2342349	2280046	2182417	1989987	1697301	1127569	1035122	1373548	1557334	1611429	34	12	22	35	13	23	B
B	34	23	11	35	24	12	2444286	2427146	2371231	2283816	2112558	1856363	1391809	857395	1270638	1482828	1544286	34	11	23	35	12	24	B
B	34	24	10	35	25	11	2528571	2513256	2463333	2385436	2233548	2009034	1618736	785240	1157755	1407945	1478571	34	10	24	35	11	25	B
B	34	25	9	35	26	10	2614286	2600697	2556432	2487476	2353530	2157294	1824975	1001152	1027131	1331904	1414286	34	9	25	35	10	26	B
B	34	26	8	35	27	9	2701429	2689483	2650596	2590098	2472940	2302466	2018799	1361665	872969	1253409	1351429	34	8	26	35	9	27	B
B	34	27	7	35	28	8	2790000	2779628	2745877	2693432	2592123	2445489	2204496	1678486	809523	1170138	1290000	34	7	27	35	8	28	B
B	34	28	6	35	29	7	2880000	2871140	2842324	2797589	2711353	2587056	2384616	1957495	1070045	1077506	1230000	34	6	28	35	7	29	B
B	34	29	5	35	30	6	2971429	2964029	2939973	2902658	2830851	2727696	2560826	2216151	1540797	966531	1171429	34	5	29	35	6	30	B
B	34	30	4	35	31	5	3064286	3058303	3038857	3008717	2950799	2867821	2734284	2462357	1962246	859711	1114286	34	4	30	35	5	31	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	34	31	3	35	32	4	3158571	3153967	3139005	3115830	3071348	3007761	2905836	2700334	2334812	1025889	1058571	34	3	31	35	4	32	B
B	34	32	2	35	33	3	3254278	3251020	3240441	3224051	3192627	3147783	3076122	2932655	2682375	1702007	1004286	34	2	32	35	3	33	B
B	34	33	1	35	34	2	3351390	3349413	3343148	3333406	3314740	3288107	3245641	3161030	3015129	2483013	951429	34	1	33	35	2	34	B
B	34	34	0	35	35	1	3449986	3448138	3446917	3443668	3437695	3428916	3414787	3386668	3338340	3166449	1800000	34	0	34	35	1	35	B
												Δτ = 1												
C	34	0	34	35	1	34	1800000	416807	269884	230777	211023	203116	199426	197793	197277	197351	197136	34	34	0	35	34	1	A
C	34	1	34	35	2	34	951429	416672	269884	230777	211023	203116	199436	197756	197290	197139	197141	34	34	1	35	34	2	A
C	34	1	33	35	2	33	951429	825241	532048	454879	415929	400345	393091	389776	388841	388571	388548	34	33	1	35	33	2	A
C	34	2	33	35	3	33	1004286	816174	532048	454879	415929	400345	393091	389781	388841	388587	388572	34	33	2	35	33	3	A
C	34	2	32	35	3	32	1004286	1326069	786778	672355	614726	591686	580965	576073	574684	574309	574286	34	32	2	35	32	3	A
C	34	3	32	35	4	32	1058571	1148470	786776	672355	614726	591686	580965	576073	574684	574309	574286	34	32	3	35	32	4	A
C	34	3	31	35	4	31	1058571	1681028	1034593	883283	807423	777141	763058	756632	754808	754316	754286	34	31	3	35	31	4	A
C	34	4	31	35	5	31	1114286	1311159	1034522	883283	807423	777141	763058	756632	754808	754316	754286	34	31	4	35	31	5	A
C	34	4	30	35	5	30	1114286	1431064	1276728	1087800	994038	956713	939370	931460	929215	928609	928571	34	30	4	35	30	5	A
C	34	5	30	35	6	30	1171429	1348417	1274963	1087800	994038	956713	939370	931460	929215	928609	928571	34	30	5	35	30	6	A
C	34	5	29	35	6	29	1171429	1356150	1535372	1286139	1174596	1130406	1109901	1100555	1097903	1097187	1097143	34	29	5	35	29	6	A
C	34	6	29	35	7	29	1230000	1369942	1496824	1286135	1174596	1130406	1109901	1100555	1097903	1097187	1097143	34	29	6	35	29	7	A
C	34	6	28	35	7	28	1230000	1370328	1895707	1478700	1349139	1298225	1274653	1263918	1260873	1260050	1260000	34	28	6	35	28	7	A
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C	34	7	27	35	8	27	1290000	1402758	1931664	1666344	1517737	1460179	1433626	1421549	1418124	1417199	1417143	34	27	7	35	27	8	A
C	34	8	27	35	9	27	1351429	1444879	1716689	1665106	1517737	1460179	1433626	1421549	1418124	1417199	1417143	34	27	8	35	27	9	A
C	34	8	26	35	9	26	1351429	1444879	1758851	1861936	1680505	1616284	1586822	1573447	1569657	1568634	1568571	34	26	8	35	26	9	A
C	34	9	26	35	10	26	1414286	1493497	1734840	1838617	1680504	1616284	1586822	1573447	1569657	1568634	1568571	34	26	9	35	26	10	A
C	34	9	25	35	10	25	1414286	1493497	1738125	2141998	1837633	1766562	1734243	1719614	1715472	1714354	1714286	34	25	9	35	25	10	A
C	34	10	25	35	11	25	1478571	1546874	1755047	1969540	1837625	1766562	1734243	1719614	1715472	1714354	1714286	34	25	10	35	25	11	A
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C	34	11	24	35	12	24	1544286	1603970	1785448	2030570	1989313	1911051	1875893	1860048	1855568	1854360	1854286	34	24	11	35	24	12	A
C	34	11	23	35	12	23	1544286	1603970	1785463	2084669	2136956	2049812	2011778	1994750	1989946	1988651	1988571	34	23	11	35	23	12	A
C	34	12	23	35	13	23	1611429	1664124	1824237	2051382	2134769	2049812	2011778	1994750	1989946	1988651	1988571	34	23	12	35	23	13	A
C	34	12	22	35	13	22	1611429	1664124	1824238	2056196	2300275	2182948	2141908	2123720	2118605	2117227	2117143	34	22	12	35	22	13	A
C	34	13	22	35	14	22	1680000	1726904	1869467	2070745	2265521	2182946	2141908	2123720	2118605	2117227	2117143	34	22	13	35	22	14	A
C	34	13	21	35	14	21	1680000	1726904	1869467	2071165	2521537	2310630	2266298	2246959	2241546	2240089	2240000	34	21	13	35	21	14	A
C	34	14	21	35	15	21	1750000	1792012	1919814	2098823	2356897	2310593	2266298	2246959	2241546	2240089	2240000	34	21	14	35	21	15	A
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C	34	15	19	35	16	19	1821429	1859238	1974381	2134874	2424653	2555455	2497989	2476249	2470271	2468669	2468571	34	19	15	35	19	16	A
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C	34	17	18	35	18	18	1968571	1999483	2093827	2224842	2440850	2635871	2605401	2582304	2576056	2574388	2574286	34	18	17	35	18	18	A
C	34	17	17	35	18	17	1968571	1999483	2093827	2224842	2441079	2818094	2707355	2682638	2676121	2674391	2674286	34	17	17	35	17	18	A
C	34	18	17	35	19	17	2044286	2072305	2157911	2276754	2471020	2686566	2707228	2682638	2676121	2674391	2674286	34	17	18	35	17	19	A
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C	34	19	16	35	20	16	2121429	2146835	2224531	2332414	2507808	2710695	2802467	2777261	2770467	2768680	2768571	34	16	19	35	16	20	A
C	34	19	15	35	20	15	2121429	2146835	2224531	2332414	2507810	2715638	2915162	2866188	2859094	2857255	2857143	34	15	19	35	15	20	A
C	34	20	15	35	21	15	2200000	2223023	2293489	2391378	2550017	2732332	2884465	2866187	2859094	2857255	2857143	34	15	20	35	15	21	A
C	34	20	14	35	21	14	2200000	2223023	2293489	2391378	2550017	2732809	3036899	2949441	2942001	2940114	2940000	34	14	20	35	14	21	A
C	34	21	14	35	22	14	2280000	2300828	2364627	2453308	2596771	2759974	2939345	2949435	2942001	2940114	2940000	34	14	21	35	14	22	A
C	34	21	13	35	22	13	2280000	2300828	2364627	2453308	2596771	2760017	3011914	3027047	3019188	3017259	3017143	34	13	21	35	13	22	A
C	34	22	13	35	23	13	2361429	2380220	2437820	2517941	2647444	2793733	2967794	3026933	3019188	3017259	3017143	34	13	22	35	13	23	A
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C	34	23	12	35	24	12	2444286	2461173	2512969	2585067	2701570	2832601	2988947	3097602	3090655	3088688	3088571	34	12	23	35	12	24	A
C	34	23	11	35	24	11	2444286	2461173	2512969	2585067	2701570	2832601	2989801	3183660	3156400	3154402	3154286	34	11	23	35	11	24	A
C	34	24	11	35	25	11	2528571	2543666	2589990	2654517	2758796	2875773	3014042	3155775	3156398	3154402	3154286	34	11	24	35	11	25	A
C	34	24	10	35	25	10	2528571	2543666	2589990	2654517	2758796	2875773	3014120	3250602	3216402	3214399	3214286	34	10	24	35	10	25	A
C	34	25	10	35	26	10	2614286	2627683	2668817	2726154	2818844	2922671	3044503	3193175	3216377	3214399	3214286	34	10	25	35	10	26	A

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
C	34	25	9	35	26	9	2614286	2627683	2668817	2726154	2818844	2922671	3044509	3224410	3270745	3268678	3268571	34	9	25	35	9	26	A
C	34	26	9	35	27	9	2701429	2713208	2749393	2799863	2881492	2972865	3079594	3215324	3270156	3268678	3268571	34	9	26	35	9	27	A
C	34	26	8	35	27	8	2701429	2713208	2749393	2799863	2881492	2972865	3079594	3218476	3325547	3317236	3317143	34	8	26	35	8	27	A
C	34	27	8	35	28	8	2790000	2800231	2831671	2875551	2946559	3026029	3118604	3235982	3314980	3317236	3317143	34	8	27	35	8	28	A
C	34	27	7	35	28	7	2790000	2800231	2831671	2875551	2946559	3026029	3118604	3236255	3376107	3360063	3360000	34	7	27	35	7	28	A
C	34	28	7	35	29	7	2880000	2888741	2915612	2953137	3013898	3081908	3161016	3260604	3345602	3360063	3360000	34	7	28	35	7	29	A
C	34	28	6	35	29	6	2880000	2888741	2915612	2953137	3013898	3081908	3161016	3260625	3369656	3397128	3397143	34	6	28	35	6	29	A
C	34	29	6	35	30	6	2971429	2978730	3001182	3032554	3083382	3140295	3206450	3289340	3364882	3397120	3397143	34	6	29	35	6	30	A
C	34	29	5	35	30	5	2971429	2978730	3001182	3032554	3083382	3140295	3206450	3289341	3367326	3428461	3428571	34	5	29	35	5	30	A
C	34	30	5	35	31	5	3064286	3070190	3088354	3113744	3154908	3201021	3254615	3321594	3382816	3428103	3428571	34	5	30	35	5	31	A
C	34	30	4	35	31	4	3064286	3070190	3088354	3113744	3154908	3201021	3254615	3321594	3382997	3457020	3454286	34	4	30	35	4	31	A
C	34	31	4	35	32	4	3158571	3163116	3177101	3196659	3228386	3263947	3305285	3356886	3403821	3451523	3454286	34	4	31	35	4	32	A
C	34	31	3	35	32	3	3158571	3163116	3177101	3196659	3228386	3263947	3305285	3356886	3403832	3471693	3474286	34	3	31	35	3	32	A
C	34	32	3	35	33	3	3254285	3257503	3267404	3281256	3303739	3328955	3358278	3394869	3428053	3466752	3474286	34	3	32	35	3	33	A
C	34	32	2	35	33	2	3254283	3257486	3267403	3281255	3303739	3328955	3358278	3394869	3428054	3470408	3488571	34	2	32	35	2	33	A
C	34	33	2	35	34	2	3351428	3353340	3359227	3367497	3380902	3395943	3413443	3435284	3455068	3478840	3488571	34	2	33	35	2	34	A
C	34	33	1	35	34	1	3351402	3353273	3359243	3367496	3380896	3395943	3413443	3435284	3455068	3479033	3497143	34	1	33	35	1	34	A
C	34	34	1	35	35	1	3449729	3450606	3452475	3455351	3459817	3464827	3470656	3477928	3484512	3492434	3497143	34	1	34	35	1	35	A
C	34	34	0	35	35	0	3449962	3449392	3452581	3455201	3459810	3464827	3470656	3477928	3484512	3492439	3500000	34	0	34	35	0	35	A
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B	34	1	34	35	2	33	951429	21385	6397	3797	2601	2087	1794	1603	1507	1447	1428	34	34	1	35	33	2	B
B	34	2	33	35	3	32	1004286	83167	19708	11523	7837	6272	5386	4808	4521	4340	4286	34	33	2	35	32	3	B
B	34	3	32	35	4	31	1058571	316715	40626	23335	15747	12566	10778	9617	9041	8681	8571	34	32	3	35	31	4	B
B	34	4	31	35	5	30	1114286	734378	70108	39428	26374	20981	17972	16028	15068	14467	14286	34	31	4	35	30	5	B
B	34	5	30	35	6	29	1171429	958310	112011	60035	39765	31528	26969	24041	22600	21700	21429	34	30	5	35	29	6	B
B	34	6	29	35	7	28	1230000	1077097	211933	85418	55969	44215	37768	33652	31635	30379	30000	34	29	6	35	28	7	B
B	34	7	28	35	8	27	1290000	1170122	496051	115820	75037	59049	50366	44858	42171	40503	40000	34	28	7	35	27	8	B
B	34	8	27	35	9	26	1351429	1253409	828883	153049	97009	76031	64755	57652	54204	52071	51429	34	27	8	35	26	9	B
B	34	9	26	35	10	25	1414286	1331904	1023499	230403	121887	95154	80924	72027	67730	65081	64286	34	26	9	35	25	10	B
B	34	10	25	35	11	24	1478571	1407945	1157485	462802	149552	116391	98851	87968	82742	79533	78571	34	25	10	35	24	11	B
B	34	11	24	35	12	23	1544286	1482828	1270622	800098	179621	139681	118506	105457	99231	95423	94286	34	24	11	35	23	12	B
B	34	12	23	35	13	22	1611429	1557334	1373547	1029607	215343	164892	139837	124470	117184	112749	111429	34	23	12	35	22	13	B
B	34	13	22	35	14	21	1680000	1631966	1470507	1188883	308117	191723	162763	144970	136583	131507	130000	34	22	13	35	21	14	B
B	34	14	21	35	15	20	1750000	1707056	1563789	1322606	572680	219489	187152	166905	157405	151689	150000	34	21	14	35	20	15	B
B	34	15	20	35	16	19	1821429	1782837	1654796	1443902	903623	247657	212776	190200	179617	173289	171429	34	20	15	35	19	16	B
B	34	16	19	35	17	18	1894286	1859475	1744452	1557776	1134555	298809	239222	214747	203172	196296	194286	34	19	16	35	18	17	B
B	34	17	18	35	18	17	1968571	1937090	1833400	1666871	1309774	482708	265659	240381	228007	220693	218571	34	18	17	35	17	18	B
B	34	18	17	35	19	16	2044286	2015773	1922096	1772807	1462543	830521	290504	266846	254027	246461	244286	34	17	18	35	16	19	B
B	34	19	16	35	20	15	2121429	2095593	2010881	1876668	1603369	1126669	319294	293720	281098	273568	271429	34	16	19	35	15	20	B
B	34	20	15	35	21	14	2200000	2176603	2100010	1979210	1736716	1343952	429264	320257	309016	301972	300000	34	15	20	35	14	21	B
B	34	21	14	35	22	13	2280000	2258843	2189680	2080988	1865064	1528591	743439	345015	337465	331609	330000	34	14	21	35	13	22	B
B	34	22	13	35	23	12	2361429	2342349	2280046	2182417	1989987	1697296	1113184	365450	365931	362384	361429	34	13	22	35	12	23	B
B	34	23	12	35	24	11	2444286	2427146	2371231	2283816	2112558	1856362	1390363	393849	393520	394149	394286	34	12	23	35	11	24	B
B	34	24	11	35	25	10	2528571	2513256	2463333	2385436	2233548	2009034	1618604	545715	418537	426672	428571	34	11	24	35	10	25	B
B	34	25	10	35	26	9	2614286	2600697	2556432	2487476	2353530	2157294	1824964	939185	437671	459563	464286	34	10	25	35	9	26	B
B	34	26	9	35	27	8	2701429	2689483	2650596	2590098	2472940	2302466	2018798	1354918	455179	492138	501429	34	9	26	35	8	27	B
B	34	27	8	35	28	7	2790000	2779628	2745877	2693432	2592123	2445489	2204496	1677875	579343	523092	540000	34	8	27	35	7	28	B
B	34	28	7	35	29	6	2880000	2871140	2842324	2797589	2711353	2587056	2384616	1957449	1001131	549698	580000	34	7	28	35	6	29	B
B	34	29	6	35	30	5	2971429	2964029	2939973	2902658	2830851	2727696	2560826	2216148	1533408	566676	621429	34	6	29	35	5	30	B
B	34	30	5	35	31	4	3064286	3058303	3038857	3008717	2950799	2867821	2734284	2462357	1961678	600862	664286	34	5	30	35	4	31	B
B	34	31	4	35	32	3	3158571	3153966	3139005	3115830	3071348	3007761	2905836	2700334	2334779	900382	708571	34	4	31	35	3	32	B
B	34	32	3	35	33	2	3254264	3251025	3240440	3224051	3192627	3147783	3076122	2932655	2682374	1680096	754286	34	3	32	35	2	33	B
B	34	33	2	35	34	1	3351313	3349204	3343141	3333387	3314740	3288107	3245641	3161030	3015129	2481800	801429	34	2	33	35	1	34	B
B	34	34	1	35	35	0	3449644	3449273	3447187	3443965	3437634	3428916	3414787	3386668	3338340	3166418	1700000	34	1	34	35	0	35	B
												Δτ = 3												

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	34	0	34	35	2	33	0	539	641	760	911	1044	1167	1282	1356	1408	1429	34	34	0	35	33	2	C
A	34	1	34	35	3	33	0	528	641	760	911	1044	1167	1282	1356	1411	1429	34	34	1	35	33	3	C
A	34	1	33	35	3	32	0	2132	1984	2312	2748	3139	3503	3848	4069	4232	4285	34	33	1	35	32	3	C
A	34	2	33	35	4	32	0	1591	1984	2312	2748	3139	3503	3848	4069	4232	4286	34	33	2	35	32	4	C
A	34	2	32	35	4	31	0	6650	4130	4701	5532	6297	7015	7699	8140	8464	8571	34	32	2	35	31	4	C
A	34	3	32	35	5	31	0	2398	4130	4701	5532	6297	7015	7699	8140	8464	8571	34	32	3	35	31	5	C
A	34	3	31	35	5	30	0	5325	7259	7995	9294	10533	11710	12838	13569	14108	14286	34	31	3	35	30	5	C
A	34	4	31	35	6	30	0	2152	7235	7995	9294	10533	11710	12838	13569	14108	14286	34	31	4	35	30	6	C
A	34	4	30	35	6	29	0	2437	12001	12297	14075	15868	17598	19270	20358	21163	21429	34	30	4	35	29	6	C
A	34	5	30	35	7	29	0	1612	11375	12297	14075	15868	17598	19270	20358	21163	21429	34	30	5	35	29	7	C
A	34	5	29	35	7	28	0	1624	23044	17773	19934	22329	24692	27000	28510	29629	30000	34	29	5	35	28	7	C
A	34	6	29	35	8	28	0	1224	15413	17770	19934	22329	24692	27000	28510	29629	30000	34	29	6	35	28	8	C
A	34	6	28	35	8	27	0	1224	36096	24715	26955	29956	33013	36037	38028	39509	40000	34	28	6	35	27	8	C
A	34	7	28	35	9	27	0	965	16363	24659	26955	29956	33013	36037	38028	39509	40000	34	28	7	35	27	9	C
A	34	7	27	35	9	26	0	965	22897	34086	35264	38801	42584	46390	48916	50802	51429	34	27	7	35	26	9	C
A	34	8	27	35	10	26	0	785	14255	33042	35264	38801	42584	46390	48916	50802	51429	34	27	8	35	26	10	C
A	34	8	26	35	10	25	0	785	14818	53554	45051	48941	53441	58075	61181	63510	64286	34	26	8	35	25	10	C
A	34	9	26	35	11	25	0	653	11770	41082	45050	48941	53441	58075	61181	63510	64286	34	26	9	35	25	11	C
A	34	9	25	35	11	24	0	653	11802	82827	56629	60479	65630	71111	74830	77635	78571	34	25	9	35	24	11	C
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A	34	26	9	35	28	8	0	75	1296	5822	21791	56970	133554	332812	539675	510770	501429	34	9	26	35	8	28	C
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A	34	27	7	35	29	6	0	64	1106	4969	18589	48539	113437	280109	774912	608491	580000	34	7	27	35	6	29	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	34	28	7	35	30	6	0	54	927	4162	15564	40606	94697	232059	503336	608234	580000	34	7	28	35	6	30	C
A	34	28	6	35	30	5	0	54	927	4162	15564	40606	94697	232063	539722	672904	621429	34	6	28	35	5	30	C
A	34	29	6	35	31	5	0	44	756	3395	12693	33094	77066	187962	412373	667281	621429	34	6	29	35	5	31	C
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A	34	30	5	35	32	4	0	34	593	2662	9953	25940	60348	146749	320129	711905	664286	34	5	30	35	4	32	C
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A	34	31	4	35	33	3	0	25	437	1960	7328	19093	44390	107748	233961	652191	708571	34	4	31	35	3	33	C
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A	34	32	3	35	34	2	0	17	286	1285	4802	12509	29074	70498	152691	458292	754286	34	3	32	35	2	34	C
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A	34	33	2	35	35	1	0	8	141	632	2363	6155	14303	34665	74998	226748	801429	34	2	33	35	1	35	C
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B	34	1	33	35	4	32	0	59544	19708	11523	7837	6272	5386	4808	4521	4340	4286	34	33	1	35	32	4	B
B	34	2	32	35	5	31	0	61464	40617	23335	15747	12566	10778	9617	9041	8681	8571	34	32	2	35	31	5	B
B	34	3	31	35	6	30	0	18505	69829	39428	26374	20981	17972	16028	15068	14467	14286	34	31	3	35	30	6	B
B	34	4	30	35	7	29	0	5360	105044	60034	39765	31528	26969	24041	22600	21700	21429	34	30	4	35	29	7	B
B	34	5	29	35	8	28	0	2561	120833	85401	55969	44215	37768	33652	31635	30379	30000	34	29	5	35	28	8	B
B	34	6	28	35	9	27	0	1450	70338	115491	75037	59049	50366	44858	42171	40503	40000	34	28	6	35	27	9	B
B	34	7	27	35	10	26	0	887	24595	147081	97009	76031	64755	57652	54204	52071	51429	34	27	7	35	26	10	B
B	34	8	26	35	11	25	0	573	11934	157207	121883	95154	80924	72027	67730	65081	64286	34	26	8	35	25	11	B
B	34	9	25	35	12	24	0	386	7548	100495	149491	116391	98851	87968	82742	79533	78571	34	25	9	35	24	12	B
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B	34	11	23	35	14	22	0	192	3588	20485	201905	164890	139837	124470	117184	112749	111429	34	23	11	35	22	14	B
B	34	12	22	35	15	21	0	140	2587	13697	184429	191695	162763	144970	136583	131507	130000	34	22	12	35	21	15	B
B	34	13	21	35	16	20	0	104	1902	9750	100552	219092	187152	166905	157405	151689	150000	34	21	13	35	20	16	B
B	34	14	20	35	17	19	0	78	1420	7130	43668	242268	212776	190200	179617	173289	171429	34	20	14	35	19	17	B
B	34	15	19	35	18	18	0	59	1072	5309	26216	237069	239210	214747	203172	196296	194286	34	19	15	35	18	18	B
B	34	16	18	35	19	17	0	45	817	4003	18671	156687	265496	240381	228007	220693	218571	34	18	16	35	17	19	B
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B	34	27	7	35	30	6	0	2	34	161	673	2027	5812	20367	114811	549408	580000	34	7	27	35	6	30	B
B	34	28	6	35	31	5	0	1	22	107	445	1335	3796	12966	48505	560255	621429	34	6	28	35	5	31	B
B	34	29	5	35	32	4	0	1	14	66	276	825	2329	7806	26433	493075	664286	34	5	29	35	4	32	B
B	34	30	4	35	33	3	0	0	8	37	154	460	1293	4272	13943	231393	708571	34	4	30	35	3	33	B
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C	34	3	32	35	6	30	0	7359	2824	791	251	97	35	9	2	0	0	34	32	3	35	30	6	A
C	34	3	31	35	6	29	0	17997	7127	1756	539	206	75	19	4	0	0	34	31	3	35	29	6	A
C	34	4	31	35	7	29	0	4603	6722	1756	539	206	75	19	4	0	0	34	31	4	35	29	7	A

	J	K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁	
C	34	4 30 35 7 28	0	5234	20928	3465	1017	383	138	36	8	0	0	34 30 4 35 28 7	A
C	34	5 30 35 8 28	0	2480	13012	3465	1017	383	138	36	8	0	0	34 30 5 35 28 8	A
C	34	5 29 35 8 27	0	2499	63275	6395	1768	654	234	61	13	1	0	34 29 5 35 27 8	A
C	34	6 29 35 9 27	0	1414	17497	6379	1768	654	234	61	13	1	0	34 29 6 35 27 9	A
C	34	6 28 35 9 26	0	1414	59899	11595	2908	1053	374	97	21	1	0	34 28 6 35 26 9	A
C	34	7 28 35 10 26	0	865	15236	11195	2908	1053	374	97	21	1	0	34 28 7 35 26 10	A
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C	34	26 8 35 29 6	0	3	44	186	633	1475	2998	6316	20012	548	0	34 8 26 35 6 29	A
C	34	27 8 35 30 6	0	2	30	129	438	1014	2038	4110	6445	548	0	34 8 27 35 6 30	A
C	34	27 7 35 30 5	0	2	30	129	438	1014	2038	4112	11660	823	0	34 7 27 35 5 30	A
C	34	28 7 35 31 5	0	1	20	85	289	668	1330	2606	4535	814	0	34 7 28 35 5 31	A
C	34	28 6 35 31 4	0	1	20	85	289	668	1330	2607	4988	1427	0	34 6 28 35 4 31	A
C	34	29 6 35 32 4	0	1	13	53	179	412	816	1565	2661	1215	0	34 6 29 35 4 32	A
C	34	29 5 35 32 3	0	1	13	53	179	412	816	1565	2678	3685	0	34 5 29 35 3 32	A
C	34	30 5 35 33 3	0	0	7	30	100	230	453	856	1402	1452	0	34 5 30 35 3 33	A
C	34	30 4 35 33 2	0	0	7	30	100	230	453	856	1402	4831	0	34 4 30 35 2 33	A
C	34	31 4 35 34 2	0	0	3	14	47	107	210	393	626	965	0	34 4 31 35 2 34	A
C	34	31 3 35 34 1	0	0	3	14	47	107	210	393	626	1396	0	34 3 31 35 1 34	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	34	32	3	35	35	1	0	0	1	4	15	34	66	121	189	305	0	34	3	32	35	1	35	A
C	34	32	2	35	35	0	0	0	1	4	15	34	66	121	.189	314	0	34	2	32	35	0	35	A
												Δτ = 6												
B	34	1	34	35	4	31	0	720	13	3	1	0	0	0	0	0	0	34	34	1	35	31	4	B
B	34	2	33	35	5	30	0	5386	82	15	4	1	0	0	0	0	0	34	33	2	35	30	5	B
B	34	3	32	35	6	29	0	7422	349	55	12	4	1	0	0	0	0	34	32	3	35	29	6	B
B	34	4	31	35	7	28	0	4711	1582	156	32	10	3	1	0	0	0	34	31	4	35	28	7	B
B	34	5	30	35	8	27	0	2542	7777	396	75	23	7	2	0	0	0	34	30	5	35	27	8	B
B	34	6	29	35	9	26	0	1450	17171	962	160	46	14	3	1	0	0	34	29	6	35	26	9	B
B	34	7	28	35	10	25	0	887	16567	2743	320	89	27	6	1	0	0	34	28	7	35	25	10	B
B	34	8	27	35	11	24	0	573	11441	10198	618	163	48	11	2	0	0	34	27	8	35	24	11	B
B	34	9	26	35	12	23	0	386	7526	23524	1180	288	83	19	4	0	0	34	26	9	35	23	12	B
B	34	10	25	35	13	22	0	269	5109	25457	2330	499	139	31	6	0	0	34	25	10	35	22	13	B
B	34	11	24	35	14	21	0	192	3588	19348	5857	855	228	50	10	1	0	34	24	11	35	21	14	B
B	34	12	23	35	15	20	0	140	2587	13636	18264	1468	370	79	16	1	0	34	23	12	35	20	15	B
B	34	13	22	35	16	19	0	104	1902	9747	33713	2579	595	125	25	1	0	34	22	13	35	19	16	B
B	34	14	21	35	17	18	0	78	1420	7130	33280	5199	958	194	39	2	0	34	21	14	35	18	17	B
B	34	15	20	35	18	17	0	59	1072	5309	25480	14646	1555	300	60	3	0	34	20	15	35	17	18	B
B	34	16	19	35	19	16	0	45	817	4003	18629	35010	2577	466	91	5	0	34	19	16	35	16	19	B
B	34	17	18	35	20	15	0	34	625	3045	13757	42636	4586	726	139	8	0	34	18	17	35	15	20	B
B	34	18	17	35	21	14	0	27	481	2328	10296	35164	10890	1144	214	12	0	34	17	18	35	14	21	B
B	34	19	16	35	22	13	0	20	370	1785	7771	26081	30632	1838	331	18	0	34	16	19	35	13	22	B
B	34	20	15	35	23	12	0	16	284	1368	5889	19195	48835	3052	519	27	0	34	15	20	35	12	23	B
B	34	21	14	35	24	11	0	12	218	1046	4463	14219	44611	5628	829	43	0	34	14	21	35	11	24	B
B	34	22	13	35	25	10	0	9	166	795	3371	10560	33355	14669	1358	69	0	34	13	22	35	10	25	B
B	34	23	12	35	26	9	0	7	125	599	2527	7820	24007	40151	2315	112	0	34	12	23	35	9	26	B
B	34	24	11	35	27	8	0	5	93	446	1873	5742	17194	54918	4315	189	0	34	11	24	35	8	27	B
B	34	25	10	35	28	7	0	4	68	326	1366	4158	12218	44756	11212	331	0	34	10	25	35	7	28	B
B	34	26	9	35	29	6	0	3	49	233	974	2948	8541	30865	35773	611	0	34	9	26	35	6	29	B
B	34	27	8	35	30	5	0	2	34	161	673	2027	5812	20358	55950	1224	0	34	8	27	35	5	30	B
B	34	28	7	35	31	4	0	1	22	107	445	1335	3796	12966	43757	2968	0	34	7	28	35	4	31	B
B	34	29	6	35	32	3	0	1	14	66	276	825	2329	7806	26257	12041	0	34	6	29	35	3	32	B
B	34	30	5	35	33	2	0	0	8	37	154	460	1293	4272	13937	40494	0	34	5	30	35	2	33	B
B	34	31	4	35	34	1	0	0	4	17	72	215	601	1964	6249	36854	0	34	4	31	35	1	34	B
B	34	32	3	35	35	0	0	0	1	5	23	67	187	606	1892	12148	0	34	3	32	35	0	35	B
												Δτ = 7												
A	34	0	34	35	4	31	0	18	1	1	0	0	0	0	0	0	0	34	34	0	35	31	4	C
A	34	1	34	35	5	31	0	5	1	1	0	0	0	0	0	0	0	34	34	1	35	31	5	C
A	34	1	33	35	5	30	0	130	8	3	1	1	0	0	0	0	0	34	33	1	35	30	5	C
A	34	2	33	35	6	30	0	13	8	3	1	1	0	0	0	0	0	34	33	2	35	30	6	C
A	34	2	32	35	6	29	0	124	35	11	4	2	1	0	0	0	0	34	32	2	35	29	6	C
A	34	3	32	35	7	29	0	10	33	11	4	2	1	0	0	0	0	34	32	3	35	29	7	C
A	34	3	31	35	7	28	0	26	158	31	11	5	2	1	0	0	0	34	31	3	35	28	7	C
A	34	4	31	35	8	28	0	5	97	31	11	5	2	1	0	0	0	34	31	4	35	28	8	C
A	34	4	30	35	8	27	0	5	769	79	26	11	5	1	0	0	0	34	30	4	35	27	8	C
A	34	5	30	35	9	27	0	2	189	79	26	11	5	1	0	0	0	34	30	5	35	27	9	C
A	34	5	29	35	9	26	0	2	1484	193	56	23	9	3	1	0	0	34	29	5	35	26	9	C
A	34	6	29	35	10	26	0	1	209	186	56	23	9	3	1	0	0	34	29	6	35	26	10	C
A	34	6	28	35	10	25	0	1	774	549	112	44	17	5	1	0	0	34	28	6	35	25	10	C
A	34	7	28	35	11	25	0	0	141	396	112	44	17	5	1	0	0	34	28	7	35	25	11	C
A	34	7	27	35	11	24	0	0	207	2022	216	81	31	9	2	0	0	34	27	7	35	24	11	C
A	34	8	27	35	12	24	0	0	75	665	216	81	31	9	2	0	0	34	27	8	35	24	12	C
A	34	8	26	35	12	23	0	0	78	4167	413	144	54	15	3	0	0	34	26	8	35	23	12	C
A	34	9	26	35	13	23	0	0	40	741	411	144	54	15	3	0	0	34	26	9	35	23	13	C
A	34	9	25	35	13	22	0	0	40	2682	817	249	90	25	6	0	0	34	25	9	35	22	13	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	34	10	25	35	14	22	0	0	22	550	772	249	90	25	6	0	0	34	25	10	35	22	14	C
A	34	10	24	35	14	21	0	0	22	851	2054	428	148	40	9	1	0	34	24	10	35	21	14	C
A	34	11	24	35	15	21	0	0	13	327	1354	427	148	40	9	1	0	34	24	11	35	21	15	C
A	34	11	23	35	15	20	0	0	13	346	6266	734	240	63	15	1	0	34	23	11	35	20	15	C
A	34	12	23	35	16	20	0	0	8	188	1902	733	240	63	15	1	0	34	23	12	35	20	16	C
A	34	12	22	35	16	19	0	0	8	189	9570	1291	387	100	23	1	0	34	22	12	35	19	16	C
A	34	13	22	35	17	19	0	0	5	112	1864	1267	387	100	23	1	0	34	22	13	35	19	17	C
A	34	13	21	35	17	18	0	0	5	112	4951	2607	623	155	35	2	0	34	21	13	35	18	17	C
A	34	14	21	35	18	18	0	0	3	69	1322	2151	623	155	35	2	0	34	21	14	35	18	18	C
A	34	14	20	35	18	17	0	0	3	69	1717	7296	1011	240	54	3	0	34	20	14	35	17	18	C
A	34	15	20	35	19	17	0	0	2	44	808	3202	1011	240	54	3	0	34	20	15	35	17	19	C
A	34	15	19	35	19	16	0	0	2	44	830	15805	1677	373	82	5	0	34	19	15	35	16	19	C
A	34	16	19	35	20	16	0	0	1	28	487	3545	1667	373	82	5	0	34	19	16	35	16	20	C
A	34	16	18	35	20	15	0	0	1	28	488	12065	2989	581	126	7	0	34	18	16	35	15	20	C
A	34	17	18	35	21	15	0	0	1	18	301	2788	2775	581	126	7	0	34	18	17	35	15	21	C
A	34	17	17	35	21	14	0	0	1	18	301	4383	7097	916	193	11	0	34	17	17	35	14	21	C
A	34	18	17	35	22	14	0	0	1	12	190	1771	4330	916	193	11	0	34	17	18	35	14	22	C
A	34	18	16	35	22	13	0	0	1	12	190	1890	19129	1471	298	17	0	34	16	18	35	13	22	C
A	34	19	16	35	23	13	0	0	0	8	122	1065	5375	1470	298	17	0	34	16	19	35	13	23	C
A	34	19	15	35	23	12	0	0	0	8	122	1071	22588	2446	468	27	0	34	15	19	35	12	23	C
A	34	20	15	35	24	12	0	0	0	5	78	647	4697	2423	468	27	0	34	15	20	35	12	24	C
A	34	20	14	35	24	11	0	0	0	5	78	647	9552	4516	746	42	0	34	14	20	35	11	24	C
A	34	21	14	35	25	11	0	0	0	3	50	399	3088	4036	746	42	0	34	14	21	35	11	25	C
A	34	21	13	35	25	10	0	0	0	3	50	399	3554	11744	1223	67	0	34	13	21	35	10	25	C
A	34	22	13	35	26	10	0	0	0	2	32	247	1809	6132	1222	67	0	34	13	22	35	10	26	C
A	34	22	12	35	26	9	0	0	0	2	32	247	1831	29820	2085	109	0	34	12	22	35	9	26	C
A	34	23	12	35	27	9	0	0	0	1	20	152	1044	6977	2075	109	0	34	12	23	35	9	27	C
A	34	23	11	35	27	8	0	0	0	1	20	152	1045	26309	3891	184	0	34	11	23	35	8	27	C
A	34	24	11	35	28	8	0	0	0	1	13	92	602	5340	3626	184	0	34	11	24	35	8	28	C
A	34	24	10	35	28	7	0	0	0	1	13	92	602	8966	10109	322	0	34	10	24	35	7	28	C
A	34	25	10	35	29	7	0	0	0	1	8	55	344	3072	5940	322	0	34	10	25	35	7	29	C
A	34	25	9	35	29	6	0	0	0	1	8	55	344	3309	30709	596	0	34	9	25	35	6	29	C
A	34	26	9	35	30	6	0	0	0	0	4	31	191	1579	7194	596	0	34	9	26	35	6	30	C
A	34	26	8	35	30	5	0	0	0	0	4	31	191	1588	32862	1194	0	34	8	26	35	5	30	C
A	34	27	8	35	31	5	0	0	0	0	2	17	101	777	5328	1182	0	34	8	27	35	5	31	C
A	34	27	7	35	31	4	0	0	0	0	2	17	101	778	10205	2896	0	34	7	27	35	4	31	C
A	34	28	7	35	32	4	0	0	0	0	1	8	49	361	2602	2456	0	34	7	28	35	4	32	C
A	34	28	6	35	32	3	0	0	0	0	1	8	49	361	2872	11703	0	34	6	28	35	3	32	C
A	34	29	6	35	33	3	0	0	0	0	1	4	21	150	1007	4246	0	34	6	29	35	3	33	C
A	34	29	5	35	33	2	0	0	0	0	1	4	21	150	1013	35265	0	34	5	29	35	2	33	C
A	34	30	5	35	34	2	0	0	0	0	0	1	7	51	317	3706	0	34	5	30	35	2	34	C
A	34	30	4	35	34	1	0	0	0	0	0	1	7	51	317	15849	0	34	4	30	35	1	34	C
A	34	31	4	35	35	1	0	0	0	0	0	0	2	11	65	1065	0	34	4	31	35	1	35	C
A	34	31	3	35	35	0	0	0	0	0	0	0	2	11	65	1566	0	34	3	31	35	0	35	C
												$\Delta\tau$ = 8												
B	34	0	34	35	5	31	0	188	13	3	1	0	0	0	0	0	0	34	34	0	35	31	5	B
B	34	1	33	35	6	30	0	492	82	15	4	1	0	0	0	0	0	34	33	1	35	30	6	B
B	34	2	32	35	7	29	0	279	329	55	12	4	1	0	0	0	0	34	32	2	35	29	7	B
B	34	3	31	35	8	28	0	41	972	156	32	10	3	1	0	0	0	34	31	3	35	28	8	B
B	34	4	30	35	9	27	0	6	1858	395	75	23	7	2	0	0	0	34	30	4	35	27	9	B
B	34	5	29	35	10	26	0	2	1785	929	160	46	14	3	1	0	0	34	29	5	35	26	10	B
B	34	6	28	35	11	25	0	1	652	1976	320	89	27	6	1	0	0	34	28	6	35	25	11	B
B	34	7	27	35	12	24	0	0	136	3259	618	163	48	11	2	0	0	34	27	7	35	24	12	B
B	34	8	26	35	13	23	0	0	41	3223	1175	288	83	19	4	0	0	34	26	8	35	23	13	B
B	34	9	25	35	14	22	0	0	17	1427	2203	499	139	31	6	0	0	34	25	9	35	22	14	B

											κ													
	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	34	10	24	35	15	21	0	0	8	357	3843	855	228	50	10	1	0	34	24	10	35	21	15	B
B	34	11	23	35	16	20	0	0	4	119	5218	1466	370	79	16	1	0	34	23	11	35	20	16	B
B	34	12	22	35	17	19	0	0	2	54	4202	2531	595	125	25	1	0	34	22	12	35	19	17	B
B	34	13	21	35	18	18	0	0	1	27	1574	4282	958	194	39	2	0	34	21	13	35	18	18	B
B	34	14	20	35	19	17	0	0	1	14	440	6257	1554	300	60	3	0	34	20	14	35	17	19	B
B	34	15	19	35	20	16	0	0	0	8	176	6191	2561	466	91	5	0	34	19	15	35	16	20	B
B	34	16	18	35	21	15	0	0	0	4	87	3061	4254	726	139	8	0	34	18	16	35	15	21	B
B	34	17	17	35	22	14	0	0	0	2	45	868	6577	1144	214	12	0	34	17	17	35	14	22	B
B	34	18	16	35	23	13	0	0	0	1	24	306	7685	1837	331	18	0	34	16	18	35	13	23	B
B	34	19	15	35	24	12	0	0	0	1	13	144	4946	3024	519	27	0	34	15	19	35	12	24	B
B	34	20	14	35	25	11	0	0	0	0	7	72	1526	5024	829	43	0	34	14	20	35	11	25	B
B	34	21	13	35	26	10	0	0	0	0	4	37	450	7528	1358	69	0	34	13	21	35	10	26	B
B	34	22	12	35	27	9	0	0	0	0	2	19	187	7799	2303	112	0	34	12	22	35	9	27	B
B	34	23	11	35	28	8	0	0	0	0	1	10	86	3850	4020	189	0	34	11	23	35	8	28	B
B	34	24	10	35	29	7	C	0	0	0	1	5	40	941	6528	330	0	34	10	24	35	7	29	B
B	34	25	9	35	30	6	0	0	0	0	0	2	18	262	7393	611	0	34	9	25	35	6	30	B
B	34	26	8	35	31	5	0	0	0	0	0	1	8	94	3732	1212	0	34	8	26	35	5	31	B
B	34	27	7	35	32	4	0	0	0	0	0	0	3	34	735	2516	0	34	7	27	35	4	32	B
B	34	28	6	35	33	3	0	0	0	0	0	0	1	11	135	4303	0	34	6	28	35	3	33	B
B	34	29	5	35	34	2	0	0	0	0	0	0	0	3	28	3325	0	34	5	29	35	2	34	B
B	34	30	4	35	35	1	0	0	0	0	0	0	0	0	4	475	0	34	4	30	35	1	35	B
												$\Delta\tau = 9$												
C	34	0	34	35	5	30	0	155	1	0	0	0	0	0	0	0	0	34	34	0	35	30	5	A
C	34	1	34	35	6	30	0	15	1	0	0	0	0	0	0	0	0	34	34	1	35	30	6	A
C	34	1	33	35	6	29	0	473	8	1	0	0	0	0	0	0	0	34	33	1	35	29	6	A
C	34	2	33	35	7	29	0	28	8	1	0	0	0	0	0	0	0	34	33	2	35	29	7	A
C	34	2	32	35	7	28	0	271	63	3	0	0	0	0	0	0	0	34	32	2	35	28	7	A
C	34	3	32	35	8	28	0	16	39	3	0	0	0	0	0	0	0	34	32	3	35	28	8	A
C	34	3	31	35	8	27	0	40	474	11	1	0	0	0	0	0	0	34	31	3	35	27	8	A
C	34	4	31	35	9	27	0	5	115	11	1	0	0	0	0	0	0	34	31	4	35	27	9	A
C	34	4	30	35	9	26	0	6	1494	38	3	0	0	0	0	0	0	34	30	4	35	26	9	A
C	34	5	30	35	10	26	0	2	184	37	3	0	0	0	0	0	0	34	30	5	35	26	10	A
C	34	5	29	35	10	25	0	2	1588	146	7	1	0	0	0	0	0	34	29	5	35	25	10	A
C	34	6	29	35	11	25	0	1	157	106	7	1	0	0	0	0	0	34	29	6	35	25	11	A
C	34	6	28	35	11	24	0	1	587	726	18	2	0	0	0	0	0	34	28	6	35	24	11	A
C	34	7	28	35	12	24	0	0	83	236	18	2	0	0	0	0	0	34	28	7	35	24	12	A
C	34	7	27	35	12	23	0	0	122	2172	43	5	1	0	0	0	0	34	27	7	35	23	12	A
C	34	8	27	35	13	23	0	0	36	345	43	5	1	0	0	0	0	34	27	8	35	23	13	A
C	34	8	26	35	13	22	C	0	37	2517	107	10	1	0	0	0	0	34	26	8	35	22	13	A
C	34	9	26	35	14	22	0	0	16	309	101	10	1	0	0	0	0	34	26	9	35	22	14	A
C	34	9	25	35	14	21	C	0	16	1140	336	21	2	0	0	0	0	34	25	9	35	21	14	A
C	34	10	25	35	15	21	0	0	7	184	221	21	2	0	0	0	0	34	25	10	35	21	15	A
C	34	10	24	35	15	20	0	0	7	286	1323	44	4	0	0	0	0	34	24	10	35	20	15	A
C	34	11	24	35	16	20	0	0	4	90	391	43	4	0	0	0	0	34	24	11	35	20	16	A
C	34	11	23	35	16	19	0	0	4	95	2947	93	8	0	0	0	0	34	23	11	35	19	16	A
C	34	12	23	35	17	19	0	0	2	43	475	91	8	0	0	0	0	34	23	12	35	19	17	A
C	34	12	22	35	17	18	C	0	2	43	2683	228	16	1	0	C	0	34	22	12	35	18	17	A
C	34	13	22	35	18	18	0	0	1	22	379	188	16	1	0	0	0	34	22	13	35	18	18	A
C	34	13	21	35	18	17	0	0	1	22	1022	794	31	2	0	0	0	34	21	13	35	17	18	A
C	34	14	21	35	19	17	0	0	1	11	220	344	31	2	0	0	0	34	21	14	35	17	19	A
C	34	14	20	35	19	16	0	0	1	11	286	2324	61	3	0	0	0	34	20	14	35	16	19	A
C	34	15	20	35	20	16	0	0	0	6	111	471	60	3	0	0	0	34	20	15	35	16	20	A
C	34	15	19	35	20	15	0	0	0	6	114	2950	130	5	0	0	0	34	19	15	35	15	20	A
C	34	16	19	35	21	15	0	0	0	3	56	431	121	5	0	0	0	34	19	16	35	15	21	A
C	34	16	18	35	21	14	0	0	0	3	56	1524	380	10	0	0	0	34	18	16	35	14	21	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 34 17 18 35 22 14	0	0	0	2	29	275	231	10	0	0	0	34 18 17 35 14 22 A
C 34 17 17 35 22 13	0	0	0	2	29	434	1323	19	1	0	0	34 17 17 35 13 22 A
C 34 18 17 35 23 13	0	0	0	1	16	143	354	19	1	0	0	34 17 18 35 13 23 A
C 34 18 16 35 23 12	0	0	0	1	16	153	2403	39	1	0	0	34 16 18 35 12 23 A
C 34 19 16 35 24 12	0	0	0	1	9	71	372	38	1	0	0	34 16 19 35 12 24 A
C 34 19 15 35 24 11	0	0	0	1	9	72	1710	87	3	0	0	34 15 19 35 11 24 A
C 34 20 15 35 25 11	0	0	0	0	5	36	260	78	3	0	0	34 15 20 35 11 25 A
C 34 20 14 35 25 10	0	0	0	0	5	36	534	283	5	0	0	34 14 20 35 10 25 A
C 34 21 14 35 26 10	0	0	0	0	3	19	137	147	5	0	0	34 14 21 35 10 26 A
C 34 21 13 35 26 9	0	0	0	0	3	19	158	971	11	0	0	34 13 21 35 9 26 A
C 34 22 13 35 27 9	0	0	0	0	1	10	65	209	11	0	0	34 13 22 35 9 27 A
C 34 22 12 35 27 8	0	0	0	0	1	10	65	1448	26	0	0	34 12 22 35 8 27 A
C 34 23 12 35 28 8	0	0	0	0	1	5	30	191	25	0	0	34 12 23 35 8 28 A
C 34 23 11 35 28 7	0	0	0	0	1	5	30	765	87	0	0	34 11 23 35 7 28 A
C 34 24 11 35 29 7	0	0	0	0	0	2	14	112	51	0	0	34 11 24 35 7 29 A
C 34 24 10 35 29 6	0	0	0	0	0	2	14	188	363	0	0	34 10 24 35 6 29 A
C 34 25 10 35 30 6	0	0	0	0	0	1	6	49	80	0	0	34 10 25 35 6 30 A
C 34 25 9 35 30 5	0	0	0	0	0	1	6	52	669	1	0	34 9 25 35 5 30 A
C 34 26 9 35 31 5	0	0	0	0	0	1	3	19	75	1	0	34 9 26 35 5 31 A
C 34 26 8 35 31 4	0	0	0	0	0	1	3	19	370	3	0	34 8 26 35 4 31 A
C 34 27 8 35 32 4	0	0	0	0	0	0	1	7	38	2	0	34 8 27 35 4 32 A
C 34 27 7 35 32 3	0	0	0	0	0	0	1	7	74	16	0	34 7 27 35 3 32 A
C 34 28 7 35 33 3	0	0	0	0	0	0	0	2	12	6	0	34 7 28 35 3 33 A
C 34 28 6 35 33 2	0	0	0	0	0	0	0	2	13	77	0	34 6 28 35 2 33 A
C 34 29 6 35 34 2	0	0	0	0	0	0	0	1	3	7	0	34 6 29 35 2 34 A
C 34 29 5 35 34 1	0	0	0	0	0	0	0	1	3	81	0	34 5 29 35 1 34 A
C 34 30 5 35 35 1	0	0	0	0	0	0	0	0	0	3	0	34 5 30 35 1 35 A
C 34 30 4 35 35 0	0	0	0	0	0	0	0	0	0	12	0	34 4 30 35 0 35 A
						Δτ = 10						
B 34 1 34 35 6 29	0	15	0	0	0	0	0	0	0	0	0	34 34 1 35 29 6 B
B 34 2 33 35 7 28	0	28	2	0	0	0	0	0	0	0	0	34 33 2 35 28 7 B
B 34 3 32 35 8 27	0	17	23	0	0	0	0	0	0	0	0	34 32 3 35 27 8 B
B 34 4 31 35 9 26	0	6	114	2	0	0	0	0	0	0	0	34 31 4 35 26 9 B
B 34 5 30 35 10 25	0	2	202	9	0	0	0	0	0	0	0	34 30 5 35 25 10 B
B 34 6 29 35 11 24	0	1	174	61	1	0	0	0	0	0	0	34 29 6 35 24 11 B
B 34 7 28 35 12 23	0	0	92	245	3	0	0	0	0	0	0	34 28 7 35 23 12 B
B 34 8 27 35 13 22	0	0	40	420	9	1	0	0	0	0	0	34 27 8 35 22 13 B
B 34 9 26 35 14 21	0	0	17	385	36	2	0	0	0	0	0	34 26 9 35 21 14 B
B 34 10 25 35 15 20	0	0	8	231	180	4	0	0	0	0	0	34 25 10 35 20 15 B
B 34 11 24 35 16 19	0	0	4	113	521	11	1	0	0	0	0	34 24 11 35 19 16 B
B 34 12 23 35 17 18	0	0	2	54	716	33	2	0	0	0	0	34 23 12 35 18 17 B
B 34 13 22 35 18 17	0	0	1	27	582	139	4	0	0	0	0	34 22 13 35 17 18 B
B 34 14 21 35 19 16	0	0	1	14	338	509	10	0	0	0	0	34 21 14 35 16 19 B
B 34 15 20 35 20 15	0	0	0	8	171	893	25	1	0	0	0	34 20 15 35 15 20 B
B 34 16 19 35 21 14	0	0	0	4	87	856	88	2	0	0	0	34 19 16 35 14 21 B
B 34 17 18 35 22 13	0	0	0	2	45	550	377	4	0	0	0	34 18 17 35 13 22 B
B 34 18 17 35 23 12	0	0	0	1	24	287	898	10	0	0	0	34 17 18 35 12 23 B
B 34 19 16 35 24 11	0	0	0	1	13	143	1044	28	1	0	0	34 16 19 35 11 24 B
B 34 20 15 35 25 10	0	0	0	0	7	72	741	109	2	0	0	34 15 20 35 10 25 B
B 34 21 14 35 26 9	0	0	0	0	4	37	391	470	5	0	0	34 14 21 35 9 26 B
B 34 22 13 35 27 8	0	0	0	0	2	19	185	966	13	0	0	34 13 22 35 8 27 B
B 34 23 12 35 28 7	0	0	0	0	1	10	86	947	53	0	0	34 12 23 35 7 28 B
B 34 24 11 35 29 6	0	0	0	0	1	5	40	557	283	0	0	34 11 24 35 6 29 B
B 34 25 10 35 30 5	0	0	0	0	0	2	18	243	724	1	0	34 10 25 35 5 30 B
B 34 26 9 35 31 4	0	0	0	0	0	1	8	94	737	3	0	34 9 26 35 4 31 B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	34	27	8	35	32	3	0	0	0	0	0	0	3	34	381	24	0	34	8	27	35	3	32	B
B	34	28	7	35	33	2	0	0	0	0	0	0	1	11	122	162	0	34	7	28	35	2	33	B
B	34	29	6	35	34	1	0	0	0	0	0	0	0	3	28	279	0	34	6	29	35	1	34	B
B	34	30	5	35	35	0	0	0	0	0	0	0	0	0	4	108	0	34	5	30	35	0	35	B
												$\Delta\tau = 11$												
A	34	1	33	35	7	28	0	1	0	0	0	0	0	0	0	0	0	34	33	1	35	28	7	C
A	34	2	32	35	8	27	0	0	2	0	0	0	0	0	0	0	0	34	32	2	35	27	8	C
A	34	3	32	35	9	27	0	0	1	0	0	0	0	0	0	0	0	34	32	3	35	27	9	C
A	34	3	31	35	9	26	0	0	11	0	0	0	0	0	0	0	0	34	31	3	35	26	9	C
A	34	4	31	35	10	26	0	0	1	0	0	0	0	0	0	0	0	34	31	4	35	26	10	C
A	34	4	30	35	10	25	0	0	20	2	0	0	0	0	0	0	0	34	30	4	35	25	10	C
A	34	5	30	35	11	25	0	0	2	1	0	0	0	0	0	0	0	34	30	5	35	25	11	C
A	34	5	29	35	11	24	0	0	15	12	0	0	0	0	0	0	0	34	29	5	35	24	11	C
A	34	6	29	35	12	24	0	0	1	4	0	0	0	0	0	0	0	34	29	6	35	24	12	C
A	34	6	28	35	12	23	0	0	4	49	1	0	0	0	0	0	0	34	28	6	35	23	12	C
A	34	7	28	35	13	23	0	0	0	8	1	0	0	0	0	0	0	34	28	7	35	23	13	C
A	34	7	27	35	13	22	0	0	1	82	3	0	0	0	0	0	0	34	27	7	35	22	13	C
A	34	8	27	35	14	22	0	0	0	9	3	0	0	0	0	0	0	34	27	8	35	22	14	C
A	34	8	26	35	14	21	0	0	0	67	13	1	0	0	0	0	0	34	26	8	35	21	14	C
A	34	9	26	35	15	21	0	0	0	6	8	1	0	0	0	0	0	34	26	9	35	21	15	C
A	34	9	25	35	15	20	0	0	0	24	63	2	0	0	0	0	0	34	25	9	35	20	15	C
A	34	10	25	35	16	20	0	0	0	3	19	2	0	0	0	0	0	34	25	10	35	20	16	C
A	34	10	24	35	16	19	0	0	0	5	182	5	1	0	0	0	0	34	24	10	35	19	16	C
A	34	11	24	35	17	19	0	0	0	1	28	5	1	0	0	0	0	34	24	11	35	19	17	C
A	34	11	23	35	17	18	C	0	0	1	242	16	1	0	0	0	0	34	23	11	35	18	17	C
A	34	12	23	35	18	18	0	0	0	1	28	13	1	0	0	0	0	34	23	12	35	18	18	C
A	34	12	22	35	18	17	0	0	0	1	161	69	3	0	0	0	0	34	22	12	35	17	18	C
A	34	13	22	35	19	17	0	0	0	0	18	30	3	0	0	0	0	34	22	13	35	17	19	C
A	34	13	21	35	19	16	0	0	0	0	49	254	6	0	0	0	0	34	21	13	35	16	19	C
A	34	14	21	35	20	16	0	0	0	0	9	51	6	0	0	0	0	34	21	14	35	16	20	C
A	34	14	20	35	20	15	0	0	0	0	11	438	16	1	0	0	0	34	20	14	35	15	20	C
A	34	15	20	35	21	15	0	0	0	0	4	57	15	1	0	0	0	34	20	15	35	15	21	C
A	34	15	19	35	21	14	C	0	0	0	4	376	57	2	0	0	0	34	19	15	35	14	21	C
A	34	16	19	35	22	14	0	0	0	0	2	43	35	2	0	0	0	34	19	16	35	14	22	C
A	34	16	18	35	22	13	C	0	0	C	2	151	245	3	0	0	0	34	18	16	35	13	22	C
A	34	17	18	35	23	13	0	0	0	0	1	22	65	3	0	0	0	34	18	17	35	13	23	C
A	34	17	17	35	23	12	0	0	0	0	1	35	579	8	0	0	0	34	17	17	35	12	23	C
A	34	18	17	35	24	12	C	0	0	0	0	10	85	8	0	0	0	34	17	18	35	12	24	C
A	34	18	16	35	24	11	0	0	0	0	0	10	635	22	1	0	0	34	16	18	35	11	24	C
A	34	19	16	35	25	11	0	0	0	0	0	4	71	20	1	0	0	34	16	19	35	11	25	C
A	34	19	15	35	25	10	0	0	0	0	0	4	331	87	2	0	0	34	15	19	35	10	25	C
A	34	20	15	35	26	10	0	0	0	0	0	2	40	45	2	0	0	34	15	20	35	10	26	C
A	34	20	14	35	26	9	0	0	0	0	0	2	82	376	4	0	0	34	14	20	35	9	26	C
A	34	21	14	35	27	9	C	0	0	0	0	1	17	80	4	0	0	34	14	21	35	9	27	C
A	34	21	13	35	27	8	0	0	0	0	0	1	19	763	12	0	0	34	13	21	35	8	27	C
A	34	22	13	35	28	8	0	0	0	0	0	0	6	92	11	0	0	34	13	22	35	8	28	C
A	34	22	12	35	28	7	0	0	0	0	0	0	7	681	48	0	0	34	12	22	35	7	28	C
A	34	23	12	35	29	7	0	0	0	0	0	0	2	64	28	0	0	34	12	23	35	7	29	C
A	34	23	11	35	29	6	0	0	0	0	0	0	2	258	255	0	0	34	11	23	35	6	29	C
A	34	24	11	35	30	6	0	0	0	0	0	0	1	28	56	0	0	34	11	24	35	6	30	C
A	34	24	10	35	30	5	0	0	0	0	0	0	1	48	646	1	0	34	10	24	35	5	30	C
A	34	25	10	35	31	5	0	0	0	0	C	0	0	9	68	1	0	34	10	25	35	5	31	C
A	34	25	9	35	31	4	0	0	0	0	0	0	0	10	617	3	0	34	9	25	35	4	31	C
A	34	26	9	35	32	4	0	0	0	0	0	0	0	3	43	3	0	34	9	26	35	4	32	C
A	34	26	8	35	32	3	0	0	0	0	0	0	0	3	217	23	0	34	8	26	35	3	32	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	34	27	8	35	33	3	0	0	0	0	0	0	0	1	15	8	0	34	8	27	35	3	33	C
A	34	27	7	35	33	2	0	0	0	0	0	0	0	1	28	158	0	34	7	27	35	2	33	C
A	34	28	7	35	34	2	0	0	0	0	0	0	0	0	3	15	0	34	7	28	35	2	34	C
A	34	28	6	35	34	1	0	0	0	0	0	0	0	0	3	270	0	34	6	28	35	1	34	C
A	34	29	6	35	35	1	0	0	0	0	0	0	0	0	0	8	0	34	6	29	35	1	35	C
A	34	29	5	35	35	0	0	0	0	0	0	0	0	0	0	92	0	34	5	29	35	0	35	C
												$\Delta\tau = 12$												
B	34	0	34	35	7	29	0	1	0	0	0	0	0	0	0	0	0	34	34	0	35	29	7	B
B	34	1	33	35	8	28	0	1	1	0	0	0	0	0	0	0	0	34	33	1	35	28	8	B
B	34	2	32	35	9	27	0	0	6	0	0	0	0	0	0	0	0	34	32	2	35	27	9	B
B	34	3	31	35	10	26	0	0	14	2	0	0	0	0	0	0	0	34	31	3	35	26	10	B
B	34	4	30	35	11	25	0	0	17	7	0	0	0	0	0	0	0	34	30	4	35	25	11	B
B	34	5	29	35	12	24	0	0	10	20	1	0	0	0	0	0	0	34	29	5	35	24	12	B
B	34	6	28	35	13	23	0	0	2	38	3	0	0	0	0	0	0	34	28	6	35	23	13	B
B	34	7	27	35	14	22	0	0	0	44	9	1	0	0	0	0	0	34	27	7	35	22	14	B
B	34	8	26	35	15	21	0	0	0	28	24	2	0	0	0	0	0	34	26	8	35	21	15	B
B	34	9	25	35	16	20	0	0	0	8	53	4	0	0	0	0	0	34	25	9	35	20	16	B
B	34	10	24	35	17	19	0	0	0	1	81	11	1	0	0	0	0	34	24	10	35	19	17	B
B	34	11	23	35	18	18	0	0	0	0	77	27	2	0	0	0	0	34	23	11	35	18	18	B
B	34	12	22	35	19	17	0	0	0	0	41	60	4	0	0	0	0	34	22	12	35	17	19	B
B	34	13	21	35	20	16	0	0	0	0	10	101	10	0	0	0	0	34	21	13	35	16	20	B
B	34	14	20	35	21	15	0	0	0	0	2	113	23	1	0	0	0	34	20	14	35	15	21	B
B	34	15	19	35	22	14	0	0	0	0	1	75	53	2	0	0	0	34	19	15	35	14	22	B
B	34	16	18	35	23	13	0	0	0	0	0	25	100	4	0	0	0	34	18	16	35	13	23	B
B	34	17	17	35	24	12	0	0	0	0	0	5	129	10	0	0	0	34	17	17	35	12	24	B
B	34	18	16	35	25	11	0	0	0	0	0	1	102	25	1	0	0	34	16	18	35	11	25	B
B	34	19	15	35	26	10	0	0	0	0	0	0	42	57	2	0	0	34	15	19	35	10	26	B
B	34	20	14	35	27	9	0	0	0	0	0	0	8	100	5	0	0	34	14	20	35	9	27	B
B	34	21	13	35	28	8	0	0	0	0	0	0	2	113	12	0	0	34	13	21	35	8	28	B
B	34	22	12	35	29	7	0	0	0	0	0	0	0	72	31	0	0	34	12	22	35	7	29	B
B	34	23	11	35	30	6	0	0	0	0	0	0	0	20	62	0	0	34	11	23	35	6	30	B
B	34	24	10	35	31	5	0	0	0	0	0	0	0	3	75	1	0	34	10	24	35	5	31	B
B	34	25	9	35	32	4	0	0	0	0	0	0	0	0	45	3	0	34	9	25	35	4	32	B
B	34	26	8	35	33	3	0	0	0	0	0	0	0	0	10	8	0	34	8	26	35	3	33	B
B	34	27	7	35	34	2	0	0	0	0	0	0	0	0	1	15	0	34	7	27	35	2	34	B
B	34	28	6	35	35	1	0	0	0	0	0	0	0	0	0	8	0	34	6	28	35	1	35	B
												$\Delta\tau = 13$												
C	34	0	34	35	7	28	0	1	0	0	0	0	0	0	0	0	0	34	34	0	35	28	7	A
C	34	1	33	35	8	27	0	1	1	0	0	0	0	0	0	0	0	34	33	1	35	27	8	A
C	34	2	32	35	9	26	0	0	5	0	0	0	0	0	0	0	0	34	32	2	35	26	9	A
C	34	3	32	35	10	26	0	0	1	0	0	0	0	0	0	0	0	34	32	3	35	26	10	A
C	34	3	31	35	10	25	0	0	12	0	0	0	0	0	0	0	0	34	31	3	35	25	10	A
C	34	4	31	35	11	25	0	0	1	0	0	0	0	0	0	0	0	34	31	4	35	25	11	A
C	34	4	30	35	11	24	0	0	15	2	0	0	0	0	0	0	0	34	30	4	35	24	11	A
C	34	5	30	35	12	24	0	0	1	1	0	0	0	0	0	0	0	34	30	5	35	24	12	A
C	34	5	29	35	12	23	0	0	9	13	0	0	0	0	0	0	0	34	29	5	35	23	12	A
C	34	6	29	35	13	23	0	0	1	2	0	0	0	0	0	0	0	34	29	6	35	23	13	A
C	34	6	28	35	13	22	0	0	2	30	0	0	0	0	0	0	0	34	28	6	35	22	13	A
C	34	7	28	35	14	22	0	0	0	3	0	0	0	0	0	0	0	34	28	7	35	22	14	A
C	34	7	27	35	14	21	0	0	0	35	1	0	0	0	0	0	0	34	27	7	35	21	14	A
C	34	8	27	35	15	21	0	0	0	3	1	0	0	0	0	0	0	34	27	8	35	21	15	A
C	34	8	26	35	15	20	0	0	0	23	8	0	0	0	0	0	0	34	26	8	35	20	15	A
C	34	9	26	35	16	20	0	0	0	2	2	0	0	0	0	0	0	34	26	9	35	20	16	A
C	34	9	25	35	16	19	0	0	0	7	30	0	0	0	0	0	0	34	25	9	35	19	16	A
C	34	10	25	35	17	19	0	0	0	1	5	0	0	0	0	0	0	34	25	10	35	19	17	A

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 34 10 24 35 17 18	0	0	0	1	51	1	0	0	0	0	0	34 24 10 35 18 17 A
C 34 11 24 35 18 18	0	0	0	0	6	1	0	0	0	0	0	34 24 11 35 18 18 A
C 34 11 23 35 18 17	0	0	0	0	50	5	0	0	0	0	0	34 23 11 35 17 18 A
C 34 12 23 35 19 17	0	0	0	0	5	2	0	0	0	0	0	34 23 12 35 17 19 A
C 34 12 22 35 19 16	0	0	0	0	27	22	0	0	0	0	0	34 22 12 35 16 19 A
C 34 13 22 35 20 16	0	0	0	0	3	4	0	0	0	0	0	34 22 13 35 16 20 A
C 34 13 21 35 20 15	0	0	0	0	7	48	0	0	0	0	0	34 21 13 35 15 20 A
C 34 14 21 35 21 15	0	0	0	0	1	6	0	0	0	0	0	34 21 14 35 15 21 A
C 34 14 20 35 21 14	0	0	0	0	1	56	2	0	0	0	0	34 20 14 35 14 21 A
C 34 15 20 35 22 14	0	0	0	0	0	6	1	0	0	0	0	34 20 15 35 14 22 A
C 34 15 19 35 22 13	0	0	0	0	0	37	11	0	0	0	0	34 19 15 35 13 22 A
C 34 16 19 35 23 13	0	0	0	0	0	3	3	0	0	0	0	34 19 16 35 13 23 A
C 34 16 18 35 23 12	0	0	0	0	0	12	31	0	0	0	0	34 18 16 35 12 23 A
C 34 17 18 35 24 12	0	0	0	0	0	1	5	0	0	0	0	34 18 17 35 12 24 A
C 34 17 17 35 24 11	0	0	0	0	0	2	44	0	0	0	0	34 17 17 35 11 24 A
C 34 18 17 35 25 11	0	0	0	0	0	1	5	0	0	0	0	34 17 18 35 11 25 A
C 34 18 16 35 25 10	0	0	0	0	0	1	36	1	0	0	0	34 16 18 35 10 25 A
C 34 19 16 35 26 10	0	0	0	0	0	0	3	1	0	0	0	34 16 19 35 10 26 A
C 34 19 15 35 26 9	0	0	0	0	0	0	15	7	0	0	0	34 15 19 35 9 26 A
C 34 20 15 35 27 9	0	0	0	0	0	0	1	2	0	0	0	34 15 20 35 9 27 A
C 34 20 14 35 27 8	0	0	0	0	0	0	3	18	0	0	0	34 14 20 35 8 27 A
C 34 21 14 35 28 8	0	0	0	0	0	0	0	2	0	0	0	34 14 21 35 8 28 A
C 34 21 13 35 28 7	0	0	0	0	0	0	1	22	0	0	0	34 13 21 35 7 28 A
C 34 22 13 35 29 7	0	0	0	0	0	0	0	2	0	0	0	34 13 22 35 7 29 A
C 34 22 12 35 29 6	0	0	0	0	0	0	0	14	2	0	0	34 12 22 35 6 29 A
C 34 23 12 35 30 6	0	0	0	0	0	0	0	1	0	0	0	34 12 23 35 6 30 A
C 34 23 11 35 30 5	0	0	0	0	0	0	0	4	6	0	0	34 11 23 35 5 30 A
C 34 24 11 35 31 5	0	0	0	0	0	0	0	0	1	0	0	34 11 24 35 5 31 A
C 34 24 10 35 31 4	0	0	0	0	0	0	0	1	7	0	0	34 10 24 35 4 31 A
C 34 25 9 35 32 3	0	0	0	0	0	0	0	0	4	0	0	34 9 25 35 3 32 A
C 34 26 8 35 33 2	0	0	0	0	0	0	0	0	1	0	0	34 8 26 35 2 33 A
						Δτ = 14						
B 34 3 32 35 10 25	0	0	1	0	0	0	0	0	0	0	0	34 32 3 35 25 10 B
B 34 4 31 35 11 24	0	0	1	0	0	0	0	0	0	0	0	34 31 4 35 24 11 B
B 34 5 30 35 12 23	0	0	1	1	0	0	0	0	0	0	0	34 30 5 35 23 12 B
B 34 6 29 35 13 22	0	0	1	2	0	0	0	0	0	0	0	34 29 6 35 22 13 B
B 34 7 28 35 14 21	0	0	0	4	0	0	0	0	0	0	0	34 28 7 35 21 14 B
B 34 8 27 35 15 20	0	0	0	4	1	0	0	0	0	0	0	34 27 8 35 20 15 B
B 34 9 26 35 16 19	0	0	0	2	3	0	0	0	0	0	0	34 26 9 35 19 16 B
B 34 10 25 35 17 18	0	0	0	1	7	0	0	0	0	0	0	34 25 10 35 18 17 B
B 34 11 24 35 18 17	0	0	0	0	9	1	0	0	0	0	0	34 24 11 35 17 18 B
B 34 12 23 35 19 16	0	0	0	0	7	3	0	0	0	0	0	34 23 12 35 16 19 B
B 34 13 22 35 20 15	0	0	0	0	4	8	0	0	0	0	0	34 22 13 35 15 20 B
B 34 14 21 35 21 14	0	0	0	0	2	12	0	0	0	0	0	34 21 14 35 14 21 B
B 34 15 20 35 22 13	0	0	0	0	1	11	2	0	0	0	0	34 20 15 35 13 22 B
B 34 16 19 35 23 12	0	0	0	0	0	7	7	0	0	0	0	34 19 16 35 12 23 B
B 34 17 18 35 24 11	0	0	0	0	0	3	13	0	0	0	0	34 18 17 35 11 24 B
B 34 18 17 35 25 10	0	0	0	0	0	1	13	0	0	0	0	34 17 18 35 10 25 B
B 34 19 16 35 26 9	0	0	0	0	0	0	9	2	0	0	0	34 16 19 35 9 26 B
B 34 20 15 35 27 8	0	0	0	0	0	0	4	7	0	0	0	34 15 20 35 8 27 B
B 34 21 14 35 28 7	0	0	0	0	0	0	1	11	0	0	0	34 14 21 35 7 28 B
B 34 22 13 35 29 6	0	0	0	0	0	0	0	10	1	0	0	34 13 22 35 6 29 B
B 34 23 12 35 30 5	0	0	0	0	0	0	0	5	3	0	0	34 12 23 35 5 30 B
B 34 24 11 35 31 4	0	0	0	0	0	0	0	2	6	0	0	34 11 24 35 4 31 B
B 34 25 10 35 32 3	0	0	0	0	0	0	0	0	5	0	0	34 10 25 35 3 32 B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
B	34	26	9	35	33	2	0	0	0	0	0	0	0	0	2	0	0	34	9	26	35	2	33	B
B	34	27	8	35	34	1	0	0	0	0	0	0	0	0	0	1	0	34	8	27	35	1	34	B
												Δτ = 15												
A	34	6	28	35	14	21	0	0	0	1	0	0	0	0	0	0	0	34	28	6	35	21	14	C
A	34	7	27	35	15	20	0	0	0	1	0	0	0	0	0	0	0	34	27	7	35	20	15	C
A	34	8	26	35	16	19	0	0	0	0	1	0	0	0	0	0	0	34	26	8	35	19	16	C
A	34	9	25	35	17	18	0	0	0	0	2	0	0	0	0	0	0	34	25	9	35	18	17	C
A	34	10	24	35	18	17	0	0	0	0	3	0	0	0	0	0	0	34	24	10	35	17	18	C
A	34	11	23	35	19	16	0	0	0	0	2	2	0	0	0	0	0	34	23	11	35	16	19	C
A	34	12	22	35	20	15	0	0	0	0	1	4	0	0	0	0	0	34	22	12	35	15	20	C
A	34	13	22	35	21	15	0	0	0	0	0	1	0	0	0	0	0	34	22	13	35	15	21	C
A	34	13	21	35	21	14	0	0	0	0	0	6	0	0	0	0	0	34	21	13	35	14	21	C
A	34	14	21	35	22	14	0	0	0	0	0	1	0	0	0	0	0	34	21	14	35	14	22	C
A	34	14	20	35	22	13	0	0	0	0	0	6	1	0	0	0	0	34	20	14	35	13	22	C
A	34	15	19	35	23	12	0	0	0	0	0	3	5	0	0	0	0	34	19	15	35	12	23	C
A	34	16	19	35	24	12	0	0	0	0	0	0	1	0	0	0	0	34	19	16	35	12	24	C
A	34	16	18	35	24	11	0	0	0	0	0	1	8	0	0	0	0	34	18	16	35	11	24	C
A	34	17	18	35	25	11	0	0	0	0	0	0	1	0	0	0	0	34	18	17	35	11	25	C
A	34	17	17	35	25	10	0	0	0	0	0	0	9	0	0	0	0	34	17	17	35	10	25	C
A	34	18	17	35	26	10	0	0	0	0	0	0	1	0	0	0	0	34	17	18	35	10	26	C
A	34	18	16	35	26	9	0	0	0	0	0	0	5	2	0	0	0	34	16	18	35	9	26	C
A	34	19	15	35	27	8	0	0	0	0	0	0	2	6	0	0	0	34	15	19	35	8	27	C
A	34	20	15	35	28	8	0	0	0	0	0	0	0	1	0	0	0	34	15	20	35	8	28	C
A	34	20	14	35	28	7	0	0	0	0	0	0	0	9	0	0	0	34	14	20	35	7	28	C
A	34	21	14	35	29	7	0	0	0	0	0	0	0	1	0	0	0	34	14	21	35	7	29	C
A	34	21	13	35	29	6	0	0	0	0	0	0	0	8	1	0	0	34	13	21	35	6	29	C
A	34	22	12	35	30	5	0	0	0	0	0	0	0	4	3	0	0	34	12	22	35	5	30	C
A	34	23	11	35	31	4	0	0	0	0	0	0	0	1	5	0	0	34	11	23	35	4	31	C
A	34	24	10	35	32	3	0	0	0	0	0	0	0	0	4	0	0	34	10	24	35	3	32	C
A	34	25	9	35	33	2	0	0	0	0	0	0	0	0	2	0	0	34	9	25	35	2	33	C
A	34	26	8	35	34	1	0	0	0	0	0	0	0	0	0	1	0	34	8	26	35	1	34	C
												Δτ = 16												
B	34	8	26	35	17	19	0	0	0	0	1	0	0	0	0	0	0	34	26	8	35	19	17	B
B	34	9	25	35	18	18	0	0	0	0	1	0	0	0	0	0	0	34	25	9	35	18	18	B
B	34	10	24	35	19	17	0	0	0	0	1	0	0	0	0	0	0	34	24	10	35	17	19	B
B	34	11	23	35	20	16	0	0	0	0	1	1	0	0	0	0	0	34	23	11	35	16	20	B
B	34	12	22	35	21	15	0	0	0	0	0	1	0	0	0	0	0	34	22	12	35	15	21	B
B	34	13	21	35	22	14	0	0	0	0	0	1	0	0	0	0	0	34	21	13	35	14	22	B
B	34	14	20	35	23	13	0	0	0	0	0	1	1	0	0	0	0	34	20	14	35	13	23	B
B	34	15	19	35	24	12	0	0	0	0	0	0	1	0	0	0	0	34	19	15	35	12	24	B
B	34	16	18	35	25	11	0	0	0	0	0	0	1	0	0	0	0	34	18	16	35	11	25	B
B	34	17	17	35	26	10	0	0	0	0	0	0	1	0	0	0	0	34	17	17	35	10	26	B
B	34	18	16	35	27	9	0	0	0	0	0	0	1	0	0	0	0	34	16	18	35	9	27	B
B	34	19	15	35	28	8	0	0	0	0	0	0	0	1	0	0	0	34	15	19	35	8	28	B
B	34	20	14	35	29	7	0	0	0	0	0	0	0	1	0	0	0	34	14	20	35	7	29	B
B	34	21	13	35	30	6	0	0	0	0	0	0	0	1	0	0	0	34	13	21	35	6	30	B
												Δτ = 17												
C	34	9	25	35	18	17	0	0	0	0	1	0	0	0	0	0	0	34	25	9	35	17	18	A
C	34	10	24	35	19	16	0	0	0	0	1	0	0	0	0	0	0	34	24	10	35	16	19	A
C	34	12	22	35	21	14	0	0	0	0	0	1	0	0	0	0	0	34	22	12	35	14	21	A
C	34	13	21	35	22	13	0	0	0	0	0	1	0	0	0	0	0	34	21	13	35	13	22	A
J=35		ΔJ = 0										Δτ = 1												

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	35	18	18	35	18	17	1825714	1824674	1807624	1743215	1495599	752507	840391	1085379	1220253	1313806	1343929	35	18	18	35	17	18	C
C	35	18	17	35	19	17	1293214	1266002	1181662	1061026	849818	582165	1236663	1533902	1607872	1627308	1628492	35	17	18	35	17	19	A
A	35	19	17	35	19	16	2034206	2033289	2018274	1961848	1750572	1143175	809036	1102151	1254132	1358360	1391825	35	17	19	35	16	19	C
C	35	19	16	35	20	16	1239683	1215040	1138783	1030318	844758	592734	958630	1333222	1418913	1441186	1442540	35	16	19	35	16	20	A
A	35	20	16	35	20	15	2253968	2253158	2239900	2190265	2007586	1535768	762182	1109460	1282713	1399540	1436905	35	16	20	35	15	20	C
C	35	20	15	35	21	15	1183333	1160991	1091933	994104	829266	619622	651535	1140081	1240600	1266300	1267857	35	15	20	35	15	21	A
A	35	21	15	35	21	14	2485000	2484283	2472560	2428791	2269593	1881767	848139	1104204	1305166	1437178	1479167	35	15	21	35	14	21	C
C	35	21	14	35	22	14	1124167	1103909	1041351	952991	805643	626310	441249	952549	1072722	1102640	1104444	35	14	21	35	14	22	A
A	35	22	14	35	22	13	2727302	2726667	2716299	2677666	2538317	2209908	1260063	1080760	1320266	1471037	1518611	35	14	22	35	13	22	C
C	35	22	13	35	23	13	1062183	1043837	987220	907427	775326	618794	403506	766510	914961	950191	952302	35	13	22	35	13	23	A
A	35	23	13	35	23	12	2980873	2980312	2971151	2937068	2814869	2532889	1800475	1029150	1326115	1500781	1555238	35	13	23	35	12	23	C
C	35	23	12	35	24	12	997381	980807	929685	857753	739280	601270	419782	571379	766809	808933	811429	35	12	23	35	12	24	A
A	35	24	12	35	24	11	3245714	3245220	3237144	3207133	3100015	2856338	2268429	973323	1319570	1525916	1589048	35	12	24	35	11	24	C
C	35	24	11	35	25	11	929762	914847	868860	804232	698184	576039	422787	368574	627378	678833	681825	35	11	24	35	11	25	A
A	35	25	11	35	25	10	3521825	3521391	3514300	3487970	3394302	3183355	2693997	1155060	1294926	1545683	1620040	35	11	25	35	10	25	C
C	35	25	10	35	26	10	859325	845977	804836	747070	652537	544492	412622	250412	494845	559843	563492	35	10	25	35	10	26	A
A	35	26	10	35	26	9	3809206	3808827	3802636	3779663	3698141	3515874	3103013	1778621	1241336	1558878	1648214	35	10	26	35	9	26	C
C	35	26	9	35	27	9	786071	774217	737687	686432	602718	507549	393325	232826	364404	451880	456429	35	9	26	35	9	27	A
A	35	27	9	35	27	8	4107857	4107529	4102166	4082280	4011844	3855201	3505917	2493818	1165126	1563454	1673571	35	9	27	35	8	27	C
C	35	27	8	35	28	8	710000	699579	667474	622449	549018	465851	367086	234199	231334	354801	360635	35	8	27	35	8	28	A
A	35	28	8	35	28	7	4417778	4417496	4412903	4395876	4335657	4202263	3908029	3104460	1308572	1555666	1696111	35	8	28	35	7	28	C
C	35	28	7	35	29	7	631111	622077	594246	555232	491668	419867	335186	224855	140873	268326	276111	35	7	28	35	7	29	A
A	35	29	7	35	29	6	4738968	4738731	4734857	4720498	4669774	4557745	4312534	3663883	2039673	1527937	1715833	35	7	29	35	6	29	C
C	35	29	6	35	30	6	549405	541719	518045	484867	430853	369951	298452	206953	117389	191791	202857	35	6	29	35	6	30	A
A	35	30	6	35	30	5	5071429	5071233	5068034	5056183	5014352	4922172	4721524	4201041	3017792	1465905	1732738	35	6	30	35	5	30	C
C	35	30	5	35	31	5	464881	458514	438905	411429	366722	316379	257452	182820	111601	123189	140873	35	5	30	35	5	31	A
A	35	31	5	35	31	4	5415159	5415002	5412443	5402962	5369520	5295951	5136463	4728021	3856882	1430565	1746825	35	5	31	35	4	31	C
C	35	31	4	35	32	4	377540	372470	356855	334980	299400	259367	212602	153732	99051	64002	90159	35	4	31	35	4	32	A
A	35	32	4	35	32	3	5770157	5770038	5768088	5760862	5735385	5679409	5558421	5251259	4616531	1957023	1758095	35	4	32	35	3	32	C
C	35	32	3	35	33	3	287381	283591	271920	255572	228987	199092	164213	120462	80363	34534	50714	35	3	32	35	3	33	A
A	35	33	3	35	33	2	6136388	6136340	6134974	6129905	6112035	6072809	5988209	5774702	5341348	3450977	1766548	35	3	33	35	2	33	C
C	35	33	2	35	34	2	194404	191884	184121	173248	155570	135697	112528	83522	57109	24654	22540	35	2	33	35	2	34	A
A	35	34	2	35	34	1	6513727	6513352	6513004	6510028	6499543	6476369	6426459	6300991	6048990	5034587	1772183	35	2	34	35	1	34	C
C	35	34	1	35	35	1	98605	97352	93473	88046	79220	69300	57738	43278	30147	14212	5635	35	1	34	35	1	35	A
A	35	35	1	35	35	0	6902669	6902337	6901784	6901412	6897687	6890267	6873672	6831996	6748557	6421065	3550000	35	1	35	35	0	35	C
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B	35	18	18	35	19	17	1293214	1320721	1409871	1548374	1822852	2194095	1936334	1626648	1472982	1374362	1343929	35	18	18	35	17	19	B
B	35	18	17	35	19	16	1293214	1320721	1409871	1548374	1822904	2425059	2065179	1706491	1535103	1425613	1391825	35	17	18	35	16	19	B
B	35	19	17	35	20	16	1239683	1264602	1345379	1470639	1715989	2087208	2057205	1706491	1535103	1425613	1391825	35	17	19	35	16	20	B
B	35	19	16	35	20	15	1239683	1264602	1345379	1470639	1715992	2110862	2264814	1789389	1596765	1474597	1436905	35	16	19	35	15	20	B
B	35	20	16	35	21	15	1183333	1205934	1279208	1392697	1613270	1945979	2167119	1789384	1596765	1474597	1436905	35	16	20	35	15	21	B
B	35	20	15	35	21	14	1183333	1205934	1279208	1392697	1613271	1947811	2690500	1877586	1658696	1521478	1479167	35	15	20	35	14	21	B
B	35	21	15	35	22	14	1124167	1144663	1211130	1313996	1512887	1807571	2198941	1877510	1658696	1521478	1479167	35	15	21	35	14	22	B
B	35	21	14	35	22	13	1124167	1144663	1211130	1313996	1512887	1807720	2623155	1974841	1721932	1566481	1518611	35	14	21	35	13	22	B
B	35	22	14	35	23	13	1062183	1080749	1140966	1234117	1413591	1675903	2104393	1973832	1721932	1566481	1518611	35	14	22	35	13	23	B
B	35	22	13	35	23	12	1062183	1080749	1140966	1234117	1413591	1675913	2173742	2091145	1787989	1609927	1555238	35	13	22	35	12	23	B
B	35	23	13	35	24	12	997381	1014157	1068576	1152732	1314491	1548748	1940870	2078354	1787987	1609927	1555238	35	13	23	35	12	24	B
B	35	23	12	35	24	11	997381	1014157	1068576	1152732	1314491	1548749	1945919	2314275	1859190	1652281	1589048	35	12	23	35	11	24	B
B	35	24	12	35	25	11	929762	944861	993846	1069587	1214934	1424130	1769404	2163294	1859158	1652281	1589048	35	12	24	35	11	25	B
B	35	24	11	35	25	10	929762	944861	993846	1069587	1214934	1424130	1769783	2748950	1939398	1694238	1620040	35	11	24	35	10	25	B
B	35	25	11	35	26	10	859325	872839	916686	984478	1114424	1300675	1604000	2143678	1938880	1694238	1620040	35	11	25	35	10	26	B
B	35	25	10	35	26	9	859325	872839	916686	984478	1114424	1300675	1604027	2497259	2037134	1736879	1648214	35	10	25	35	9	26	B
B	35	26	10	35	27	9	786071	798074	837023	897238	1012574	1177417	1443457	1982577	2029750	1736879	1648214	35	10	26	35	9	27	B
B	35	26	9	35	27	8	786071	798074	837023	897238	1012574	1177417	1443459	2024446	2212559	1781950	1673571	35	9	26	35	8	27	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	35	27	9	35	28	8	710000	720552	754794	807733	909081	1053651	1285591	1759552	2111579	1781949	1673571	35	9	27	35	8	28	B
B	35	27	8	35	28	7	710000	720552	754794	807733	909081	1053651	1285591	1762128	2677509	1832446	1696111	35	8	27	35	7	28	B
B	35	28	8	35	29	7	631111	640259	669950	715853	803700	928846	1128841	1532806	2088786	1832416	1696111	35	8	28	35	7	29	B
B	35	28	7	35	29	6	631111	640259	669950	715853	803700	928846	1128841	1532967	2571564	1894028	1715833	35	7	28	35	6	29	B
B	35	29	7	35	30	6	549405	557188	582449	621504	696230	802590	972127	1311470	1881218	1893254	1715833	35	7	29	35	6	30	B
B	35	29	6	35	30	5	549405	557188	582449	621504	696230	802590	972127	1311478	1948301	1982905	1732738	35	6	29	35	5	30	B
B	35	30	6	35	31	5	464881	471328	492255	524610	586508	674557	814673	1093531	1574430	1967006	1732738	35	6	30	35	5	31	B
B	35	30	5	35	31	4	464881	471328	492255	524610	586508	674557	814673	1093531	1577796	2245416	1746825	35	5	30	35	4	31	B
B	35	31	5	35	32	4	377540	382674	399340	425106	474396	544485	655901	876877	1255506	1997583	1746825	35	5	31	35	4	32	B
B	35	31	4	35	32	3	377540	382674	399340	425106	474396	544485	655901	876877	1255659	2794683	1758095	35	4	31	35	3	32	B
B	35	32	4	35	33	3	287381	291219	303676	322937	359780	412157	495365	660065	940628	1776865	1758095	35	4	32	35	3	33	B
B	35	32	3	35	33	2	287382	291218	303676	322937	359780	412157	495365	660064	940634	2107596	1766548	35	3	32	35	2	33	B
B	35	33	3	35	34	2	194406	196957	205243	218055	242562	277396	332716	442096	627858	1250986	1766548	35	3	33	35	2	34	B
B	35	33	2	35	34	1	194362	196924	205246	218050	242562	277396	332716	442096	627858	1267446	1772183	35	2	33	35	1	34	B
B	35	34	2	35	35	1	98614	99869	104050	110422	122659	140053	167671	222254	314838	629416	1772183	35	2	34	35	1	35	B
B	35	34	1	35	35	0	98606	99878	104022	110440	122647	140053	167671	222254	314838	629681	3550000	35	1	34	35	0	35	B
												$\Delta\tau = 3$												
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C	35	18	18	35	19	16	1293214	1266002	1181662	1061026	849773	453961	59677	14706	3207	184	0	35	18	18	35	16	19	A
A	35	18	17	35	20	16	0	126	2196	10001	39408	130271	802661	1102151	1254132	1358360	1391825	35	17	18	35	16	20	C
C	35	19	17	35	20	15	1239683	1215040	1138783	1030318	844755	578623	76667	17870	3877	222	0	35	17	19	35	15	20	A
A	35	19	16	35	21	15	0	104	1813	8235	32151	93646	693190	1109455	1282713	1399540	1436905	35	16	19	35	15	21	C
C	35	20	16	35	21	14	1183333	1160991	1091933	994104	829266	618372	125789	21809	4697	269	0	35	16	20	35	14	21	A
A	35	20	15	35	22	14	0	86	1490	6757	26199	74481	440112	1104129	1305166	1437178	1479167	35	15	20	35	14	22	C
C	35	21	15	35	22	13	1124167	1103909	1041351	952991	805643	626204	254163	26804	5714	326	0	35	15	21	35	13	22	A
A	35	21	14	35	23	13	0	70	1218	5517	21272	59603	212854	1079769	1320266	1471037	1518611	35	14	21	35	13	23	C
C	35	22	14	35	23	12	1062183	1043837	987220	907427	775326	618786	375554	33357	6994	398	0	35	14	22	35	12	23	A
A	35	22	13	35	24	12	0	57	989	4472	17168	47572	131221	1017218	1326114	1500781	1555238	35	13	22	35	12	24	C
C	35	23	13	35	24	11	997381	980807	929685	857753	739280	601270	417347	44427	8636	489	0	35	13	23	35	11	24	A
A	35	23	12	35	25	11	0	46	795	3590	13737	37737	99275	843828	1319537	1525916	1589048	35	12	23	35	11	25	C
C	35	24	12	35	25	10	929762	914847	868860	804232	698184	576038	422584	80021	10795	606	0	35	12	24	35	10	25	A
A	35	24	11	35	26	10	0	36	631	2848	10867	29648	76533	483717	1294382	1545683	1620040	35	11	24	35	10	26	C
C	35	25	11	35	26	9	859325	845977	804836	747070	652537	544492	412607	162866	13734	761	0	35	11	25	35	9	26	A
A	35	25	10	35	27	9	0	28	493	2225	8468	22976	58471	220407	1233691	1558878	1648214	35	10	25	35	9	27	C
C	35	26	10	35	27	8	786071	774217	737687	686432	602718	507549	393324	222355	18430	972	0	35	10	26	35	8	27	A
A	35	26	9	35	28	8	0	22	378	1703	6471	17480	43988	133531	1067318	1563454	1673571	35	9	26	35	8	28	C
C	35	27	9	35	28	7	71CC00	699579	667474	622449	549018	465851	367086	233404	32718	1268	0	35	9	27	35	7	28	A
A	35	27	8	35	29	7	0	16	282	1271	4821	12974	32357	94117	648754	1555634	1696111	35	8	27	35	7	29	C
C	35	28	8	35	29	6	631111	622077	594246	555232	491668	419867	335186	224800	73558	1704	0	35	8	28	35	6	29	A
A	35	28	7	35	30	6	0	12	203	916	3471	9313	23060	65552	261519	1527117	1715833	35	7	28	35	6	30	C
C	35	29	7	35	30	5	549405	541719	518045	484867	430853	369951	298452	206950	108740	2390	0	35	7	29	35	5	30	A
A	35	29	6	35	31	5	0	8	140	630	2386	6384	15714	43882	128610	1448990	1732738	35	6	29	35	5	31	C
C	35	30	6	35	31	4	464881	458514	438905	411429	366722	316379	257452	182820	111048	3842	0	35	6	30	35	4	31	A
A	35	30	5	35	32	4	0	5	90	406	1533	4094	10028	27610	76065	1169713	1746825	35	5	30	35	4	32	C
C	35	31	5	35	32	3	377540	372470	356855	334980	299400	259367	212602	153732	99022	9650	0	35	5	31	35	3	32	A
A	35	31	4	35	33	3	0	3	52	235	888	2368	5776	15723	42120	505245	1758095	35	4	31	35	3	33	C
C	35	32	4	35	33	2	287379	283591	271920	255572	228987	199092	164213	120462	80362	22750	0	35	4	32	35	2	33	A
A	35	32	3	35	34	2	0	1	25	114	430	1144	2780	7496	19659	127021	1766548	35	3	32	35	2	34	C
C	35	33	3	35	34	1	194399	191868	184119	173246	155570	135697	112528	83522	57109	23985	0	35	3	33	35	1	34	A
A	35	33	2	35	35	1	0	0	8	37	139	369	894	2392	6168	31324	1772183	35	2	33	35	1	35	C
C	35	34	2	35	35	0	98611	97352	93475	88046	79217	69300	57738	43278	30147	14198	0	35	2	34	35	0	35	A
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C	35	17	18	35	20	16	0	23	386	1705	6777	41823	59283	14706	3207	184	0	35	18	17	35	16	20	A
A	35	18	18	35	20	15	0	126	2196	10001	39406	105427	16348	3477	767	45	0	35	18	18	35	15	20	C

	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		∓ 1.0	$\mp .95$	$\mp .8$	$\mp .6$	$\mp .3$	κ 0	$\pm .3$	$\pm .6$	$\pm .8$	$\pm .95$	± 1.0	J	K_{-1}	K_{+1} — J	K_{-1}	K_{+1}		
C	35	18	17	35	21	15	0	16	275	1203	4610	16957	70733	17870	3877	222	0	35	17	18	35	15	21	A
A	35	19	17	35	21	14	0	104	1813	8235	32151	91772	34836	5048	1091	64	0	35	17	19	35	14	21	C
C	35	19	16	35	22	14	0	12	195	849	3169	9553	71210	21808	4697	269	0	35	16	19	35	14	22	A
A	35	20	16	35	22	13	0	86	1490	6757	26199	74357	88176	7478	1566	91	0	35	16	20	35	13	22	C
C	35	20	15	35	23	13	0	8	138	598	2186	6148	42898	26784	5714	326	0	35	15	20	35	13	23	A
A	35	21	15	35	23	12	0	70	1218	5517	21272	59594	132588	11445	2281	132	0	35	15	21	35	12	23	C
C	35	21	14	35	24	12	0	6	97	418	1506	4050	16174	33030	6994	398	0	35	14	21	35	12	24	A
A	35	22	14	35	24	11	0	57	989	4472	17168	47571	123537	19390	3389	193	0	35	14	22	35	11	24	C
C	35	22	13	35	25	11	0	4	67	289	1030	2683	7580	39360	8636	489	0	35	13	22	35	11	25	A
A	35	23	13	35	25	10	0	46	795	3590	13737	37737	98804	46198	5172	288	0	35	13	23	35	10	25	C
C	35	23	12	35	26	10	0	3	46	197	697	1771	4501	37502	10791	606	0	35	12	23	35	10	26	A
A	35	24	12	35	26	9	0	36	631	2848	10867	29648	76503	116360	8214	440	0	35	12	24	35	9	26	C
C	35	24	11	35	27	9	0	2	31	132	463	1156	2776	19279	13662	761	0	35	11	24	35	9	27	A
A	35	25	11	35	27	8	0	28	493	2225	8468	22976	58470	153513	14244	694	0	35	11	25	35	8	27	C
C	35	25	10	35	28	8	0	1	20	86	301	740	1706	6502	17109	972	0	35	10	25	35	8	28	A
A	35	26	10	35	28	7	0	22	378	1703	6471	17480	43987	128550	34311	1142	0	35	10	26	35	7	28	C
C	35	26	9	35	29	7	0	1	13	55	189	460	1029	2878	18069	1268	0	35	9	26	35	7	29	A
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C	35	27	8	35	30	6	0	0	8	33	114	274	600	1513	10258	1703	0	35	8	27	35	6	30	A
A	35	28	8	35	30	5	0	12	203	916	3471	9313	23060	65539	152478	3732	0	35	8	28	35	5	30	C
C	35	28	7	35	31	5	0	0	4	19	65	155	331	785	2917	2366	0	35	7	28	35	5	31	A
A	35	29	7	35	31	4	0	8	140	630	2386	6384	15714	43881	120826	8501	0	35	7	29	35	4	31	C
C	35	29	6	35	32	4	0	0	2	10	34	80	169	383	945	3240	0	35	6	29	35	4	32	A
A	35	30	6	35	32	3	0	5	90	406	1533	4094	10028	27610	75771	32352	0	35	6	30	35	3	32	C
C	35	30	5	35	33	3	0	0	1	5	15	37	76	166	361	3121	0	35	5	30	35	3	33	A
A	35	31	5	35	33	2	0	3	52	235	888	2368	5776	15723	42111	102717	0	35	5	31	35	2	33	C
C	35	31	4	35	34	2	0	0	0	2	6	13	28	59	119	942	0	35	4	31	35	2	34	A
A	35	32	4	35	34	1	0	1	25	114	430	1144	2780	7496	19659	91341	0	35	4	32	35	1	34	C
C	35	32	3	35	35	1	0	0	0	0	1	3	6	13	25	95	0	35	3	32	35	1	35	A
A	35	33	3	35	35	0	0	0	8	37	139	369	894	2392	6168	30664	0	35	3	33	35	0	35	C
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B	35	17	19	35	20	16	0	24	429	2132	10444	37292	15619	3033	604	33	0	35	19	17	35	16	20	B
B	35	17	18	35	20	15	0	24	429	2132	10450	83053	25348	4349	853	46	0	35	18	17	35	15	20	B
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B	35	19	16	35	22	13	0	12	217	1062	4879	19217	125166	9365	1740	94	0	35	16	19	35	13	22	B
B	35	20	16	35	23	13	0	8	153	747	3365	12315	37438	9358	1740	94	0	35	16	20	35	13	23	B
B	35	20	15	35	23	12	0	8	153	747	3365	12334	115621	14356	2535	135	0	35	15	20	35	12	23	B
B	35	21	15	35	24	12	0	6	108	522	2317	8113	30934	14223	2535	135	0	35	15	21	35	12	24	B
B	35	21	14	35	24	11	0	6	108	522	2317	8114	46615	24401	3767	198	0	35	14	21	35	11	24	B
B	35	22	14	35	25	11	0	4	75	362	1585	5372	20629	21816	3767	198	0	35	14	22	35	11	25	B
B	35	22	13	35	25	10	0	4	75	362	1585	5372	21805	57895	5752	295	0	35	13	22	35	10	25	B
B	35	23	13	35	26	10	0	3	51	247	1072	3545	12849	30467	5750	295	0	35	13	23	35	10	26	B
B	35	23	12	35	26	9	0	3	51	247	1072	3545	12906	128395	9142	451	0	35	12	23	35	9	26	B
B	35	24	12	35	27	9	0	2	34	165	713	2313	7942	32132	9096	451	0	35	12	24	35	9	27	B
B	35	24	11	35	27	8	0	2	34	165	713	2313	7945	93208	15884	712	0	35	11	24	35	8	27	B
B	35	25	11	35	28	8	0	1	22	108	463	1480	4878	23718	14805	712	0	35	11	25	35	8	28	B
B	35	25	10	35	28	7	0	1	22	108	463	1480	4878	32734	38258	1171	0	35	10	25	35	7	28	B
B	35	26	10	35	29	7	0	1	14	68	291	920	2940	13948	22549	1171	0	35	10	26	35	7	29	B
B	35	26	9	35	29	6	0	1	14	68	291	920	2940	14449	105227	2035	0	35	9	26	35	6	29	B
B	35	27	9	35	30	6	0	0	9	41	175	549	1713	7560	25487	2034	0	35	9	27	35	6	30	B
B	35	27	8	35	30	5	0	0	9	41	175	549	1713	7580	96182	3829	0	35	8	27	35	5	30	B
B	35	28	8	35	31	5	0	0	5	24	100	309	947	3929	18113	3791	0	35	8	28	35	5	31	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	35	28	7	35	31	4	0	0	5	24	100	309	947	3930	29243	8729	0	35	7	28	35	4	31	B
B	35	29	7	35	32	4	0	0	3	12	52	160	483	1913	8930	7402	0	35	7	29	35	4	32	B
B	35	29	6	35	32	3	0	0	3	12	52	160	483	1913	9470	33049	0	35	6	29	35	3	32	B
B	35	30	6	35	33	3	0	0	1	6	24	73	218	831	3600	12021	0	35	6	30	35	3	33	B
B	35	30	5	35	33	2	0	0	1	6	24	73	218	831	3614	91379	0	35	5	30	35	2	33	B
B	35	31	5	35	34	2	0	0	0	2	9	27	79	293	1185	9923	0	35	5	31	35	2	34	B
B	35	31	4	35	34	1	0	0	0	2	9	27	79	293	1185	36992	0	35	4	31	35	1	34	B
B	35	32	4	35	35	1	0	0	0	0	2	6	18	65	251	2783	0	35	4	32	35	1	35	B
B	35	32	3	35	35	0	0	0	0	0	2	6	18	65	251	3805	0	35	3	32	35	0	35	B
												$\Delta\tau$ = 7												
A	35	16	19	35	20	16	0	0	1	21	408	13635	10109	2425	544	32	0	35	19	16	35	16	20	C
C	35	17	19	35	20	15	0	23	386	1705	6773	17470	792	36	2	0	0	35	19	17	35	15	20	A
A	35	17	18	35	21	15	0	0	1	13	228	5203	15157	3477	767	45	0	35	18	17	35	15	21	C
C	35	18	18	35	21	14	0	16	275	1203	4610	13942	2086	61	3	0	0	35	18	18	35	14	21	A
A	35	18	17	35	22	14	0	0	0	8	131	1689	20895	5048	1091	64	0	35	17	18	35	14	22	C
C	35	19	17	35	22	13	0	12	195	849	3169	9373	6588	107	4	0	0	35	17	19	35	13	22	A
A	35	19	16	35	23	13	0	0	0	5	76	776	20818	7472	1566	91	0	35	16	19	35	13	23	C
C	35	20	16	35	23	12	0	8	138	598	2186	6138	11506	197	8	0	0	35	16	20	35	12	23	A
A	35	20	15	35	24	12	0	0	0	3	45	413	10537	11338	2281	132	0	35	15	20	35	12	24	C
C	35	21	15	35	24	11	0	6	97	418	1506	4050	10543	408	14	0	0	35	15	21	35	11	24	A
A	35	21	14	35	25	11	0	0	0	2	26	227	3130	17300	3389	193	0	35	14	21	35	11	25	C
C	35	22	14	35	25	10	0	4	67	289	1030	2683	7162	1221	25	0	0	35	14	22	35	10	25	A
A	35	22	13	35	26	10	0	0	0	1	15	125	1164	23525	5171	288	0	35	13	22	35	10	26	C
C	35	23	13	35	26	9	0	3	46	197	697	1771	4481	3880	48	0	0	35	13	23	35	9	26	A
A	35	23	12	35	27	9	0	0	0	1	9	69	556	21174	8172	440	0	35	12	23	35	9	27	C
C	35	24	12	35	27	8	0	2	31	132	463	1156	2775	5879	104	0	0	35	12	24	35	8	27	A
A	35	24	11	35	28	8	0	0	0	0	5	37	277	8654	13266	694	0	35	11	24	35	8	28	C
C	35	25	11	35	28	7	0	1	20	86	301	740	1706	4666	320	1	0	35	11	25	35	7	28	A
A	35	25	10	35	29	7	0	0	0	0	3	19	137	2193	19920	1141	0	35	10	25	35	7	29	C
C	35	26	10	35	29	6	0	1	13	55	189	460	1029	2776	1244	1	0	35	10	26	35	6	29	A
A	35	26	9	35	30	6	0	0	0	0	1	10	65	731	20337	1983	0	35	9	26	35	6	30	C
C	35	27	9	35	30	5	0	0	8	33	114	274	600	1509	2280	3	0	35	9	27	35	5	30	A
A	35	27	8	35	31	5	0	0	0	0	1	5	30	288	8792	3695	0	35	8	27	35	5	31	C
C	35	28	8	35	31	4	0	0	4	19	65	155	331	785	1783	9	0	35	8	28	35	4	31	A
A	35	28	7	35	32	4	0	0	0	0	0	2	12	109	1704	7204	0	35	7	28	35	4	32	C
C	35	29	7	35	32	3	0	0	2	10	34	80	169	383	890	46	0	35	7	29	35	3	32	A
A	35	29	6	35	33	3	0	0	0	0	0	1	4	37	360	11532	0	35	6	29	35	3	33	C
C	35	30	6	35	33	2	0	0	1	5	15	37	76	166	360	214	0	35	6	30	35	2	33	A
A	35	30	5	35	34	2	0	0	0	0	0	0	1	10	82	8167	0	35	5	30	35	2	34	C
C	35	31	5	35	34	1	0	0	0	2	6	13	28	59	118	240	0	35	5	31	35	1	34	A
A	35	31	4	35	35	1	0	0	0	0	0	0	0	2	12	1054	0	35	4	31	35	1	35	C
C	35	32	4	35	35	0	0	0	0	0	1	3	6	13	25	69	0	35	4	32	35	0	35	A
												$\Delta\tau$ = 9												
A	35	16	20	35	20	15	0	0	1	21	405	2587	109	5	0	0	0	35	20	16	35	15	20	C
C	35	16	19	35	21	15	0	0	0	3	47	1670	735	36	2	0	0	35	19	16	35	15	21	A
A	35	17	19	35	21	14	0	0	1	13	228	2242	348	10	0	0	0	35	19	17	35	14	21	C
C	35	17	18	35	22	14	0	0	0	1	22	515	1264	61	3	0	0	35	18	17	35	14	22	A
A	35	18	18	35	22	13	0	0	0	8	131	1392	1348	21	1	0	0	35	18	18	35	13	22	C
C	35	18	17	35	23	13	0	0	0	1	11	137	1718	107	4	0	0	35	17	18	35	13	23	A
A	35	19	17	35	23	12	0	0	0	5	76	761	2896	45	2	0	0	35	17	19	35	12	23	C
C	35	19	16	35	24	12	0	0	0	0	5	52	1451	195	8	0	0	35	16	19	35	12	24	A
A	35	20	16	35	24	11	0	0	0	3	45	412	3061	112	4	0	0	35	16	20	35	11	24	C
C	35	20	15	35	25	11	0	0	0	0	3	23	586	365	14	0	0	35	15	20	35	11	25	A
A	35	21	15	35	25	10	0	0	0	2	26	227	2056	410	8	0	0	35	15	21	35	10	25	C
C	35	21	14	35	26	10	0	0	0	0	1	11	139	631	25	0	0	35	14	21	35	10	26	A

	J K_{-1} K_{+1} — J K_{-1} K_{+1}	κ											J K_{-1} K_{+1} — J K_{-1} K_{+1}	
		∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0		
A	35 22 14 35 26 9	0	0	0	1	15	125	1101	1624	19	0	0	35 14 22 35 9 26	C
C	35 22 13 35 27 9	0	0	0	0	1	5	42	808	48	0	0	35 13 22 35 9 27	A
A	35 23 13 35 27 8	0	0	0	1	9	69	554	3065	49	0	0	35 13 23 35 8 27	C
C	35 23 12 35 28 8	0	0	0	0	0	2	16	584	97	0	0	35 12 23 35 8 28	A
A	35 24 12 35 28 7	0	0	0	0	5	37	277	2784	189	0	0	35 12 24 35 7 28	C
C	35 24 11 35 29 7	0	0	0	0	0	1	6	181	187	1	0	35 11 24 35 7 29	A
A	35 25 11 35 29 6	0	0	0	0	3	19	137	1581	936	1	0	35 11 25 35 6 29	C
C	35 25 10 35 30 6	0	0	0	0	0	0	3	35	271	1	0	35 10 25 35 6 30	A
A	35 26 10 35 30 5	0	0	0	0	1	10	65	705	2222	3	0	35 10 26 35 5 30	C
C	35 26 9 35 31 5	0	0	0	0	0	0	1	9	212	3	0	35 9 26 35 5 31	A
A	35 27 9 35 31 4	0	0	0	0	1	5	30	287	2113	10	0	35 9 27 35 4 31	C
C	35 27 8 35 32 4	0	0	0	0	0	0	0	2	63	7	0	35 8 27 35 4 32	A
A	35 28 8 35 32 3	0	0	0	0	0	2	12	109	1048	72	0	35 8 28 35 3 32	C
C	35 28 7 35 33 3	0	0	0	0	0	0	0	1	8	17	0	35 7 28 35 3 33	A
A	35 29 7 35 33 2	0	0	0	0	0	1	4	37	340	464	0	35 7 29 35 2 33	C
C	35 29 6 35 34 2	0	0	0	0	0	0	0	0	1	20	0	35 6 29 35 2 34	A
A	35 30 6 35 34 1	0	0	0	0	0	0	1	10	82	752	0	35 6 30 35 1 34	C
C	35 30 5 35 35 1	0	0	0	0	0	0	0	0	0	6	0	35 5 30 35 1 35	A
A	35 31 5 35 35 0	0	0	0	0	0	0	0	2	12	275	0	35 5 31 35 0 35	C
							Δτ = 10							
B	35 15 20 35 20 15	0	0	0	6	168	4919	168	6	0	0	0	35 20 15 35 15 20	B
B	35 16 20 35 21 15	0	0	0	3	72	665	156	6	0	0	0	35 20 16 35 15 21	B
B	35 16 19 35 21 14	0	0	0	3	73	3323	535	13	1	0	0	35 19 16 35 14 21	B
B	35 17 19 35 22 14	0	0	0	2	34	446	325	13	1	0	0	35 19 17 35 14 22	B
B	35 17 18 35 22 13	0	0	0	2	34	1031	2071	26	1	0	0	35 18 17 35 13 22	B
B	35 18 18 35 23 13	0	0	0	1	17	226	551	26	1	0	0	35 18 18 35 13 23	B
B	35 18 17 35 23 12	0	0	0	1	17	274	4370	57	2	0	0	35 17 18 35 12 23	B
B	35 19 17 35 24 12	0	0	0	0	8	102	646	56	2	0	0	35 17 19 35 12 24	B
B	35 19 16 35 24 11	0	0	0	0	8	104	4084	141	4	0	0	35 16 19 35 11 24	B
B	35 20 16 35 25 11	0	0	0	0	4	46	493	126	4	0	0	35 16 20 35 11 25	B
B	35 20 15 35 25 10	0	0	0	0	4	46	1674	513	9	0	0	35 15 20 35 10 25	B
B	35 21 15 35 26 10	0	0	0	0	2	21	261	265	9	0	0	35 15 21 35 10 26	B
B	35 21 14 35 26 9	0	0	0	0	2	21	397	2026	21	0	0	35 14 21 35 9 26	B
B	35 22 14 35 27 9	0	0	0	0	1	10	113	433	21	0	0	35 14 22 35 9 27	B
B	35 22 13 35 27 8	0	0	0	0	1	10	119	3736	55	0	0	35 13 22 35 8 27	B
B	35 23 13 35 28 8	0	0	0	0	0	4	46	456	51	0	0	35 13 23 35 8 28	B
B	35 23 12 35 28 7	0	0	0	0	0	4	46	2896	210	0	0	35 12 23 35 7 28	B
B	35 24 12 35 29 7	0	0	0	0	0	2	18	294	123	0	0	35 12 24 35 7 29	B
B	35 24 11 35 29 6	0	0	0	0	0	2	18	907	1039	1	0	35 11 24 35 6 29	B
B	35 25 11 35 30 6	0	0	0	0	0	1	7	125	229	1	0	35 11 25 35 6 30	B
B	35 25 10 35 30 5	0	0	0	0	0	1	7	174	2438	3	0	35 10 25 35 5 30	B
B	35 26 10 35 31 5	0	0	0	0	0	0	3	42	256	3	0	35 10 26 35 5 31	B
B	35 26 9 35 31 4	0	0	0	0	0	0	3	43	2096	10	0	35 9 26 35 4 31	B
B	35 27 9 35 32 4	0	0	0	0	0	0	1	12	153	9	0	35 9 27 35 4 32	B
B	35 27 8 35 32 3	0	0	0	0	0	0	1	12	631	74	0	35 8 27 35 3 32	B
B	35 28 8 35 33 3	0	0	0	0	0	0	0	3	49	27	0	35 8 28 35 3 33	B
B	35 28 7 35 33 2	0	0	0	0	0	0	0	3	80	476	0	35 7 28 35 2 33	B
B	35 29 7 35 34 2	0	0	0	0	0	0	0	1	10	44	0	35 7 29 35 2 34	B
B	35 29 6 35 34 1	0	0	0	0	0	0	0	1	10	760	0	35 6 29 35 1 34	B
B	35 30 6 35 35 1	0	0	0	0	0	0	0	0	1	23	0	35 6 30 35 1 35	B
B	35 30 5 35 35 0	0	0	0	0	0	0	0	0	1	239	0	35 5 30 35 0 35	B
							Δτ = 11							
A	35 15 20 35 21 15	0	0	0	0	4	316	101	5	0	0	0	35 20 15 35 15 21	C
C	35 16 20 35 21 14	0	0	0	3	47	330	14	0	0	0	0	35 20 16 35 14 21	A
A	35 16 19 35 22 14	0	0	0	0	1	165	211	10	0	0	0	35 19 16 35 14 22	C

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
C 35 17 19 35 22 13	0	0	0	1	22	223	65	0	0	0	0	35 19 17 35 13 22 A
A 35 17 18 35 23 13	0	0	0	0	1	42	357	21	1	0	0	35 18 17 35 13 23 C
C 35 18 18 35 23 12	0	0	0	1	11	113	171	1	0	0	0	35 18 18 35 12 23 A
A 35 18 17 35 24 12	0	0	0	0	0	9	411	45	2	0	0	35 17 18 35 12 24 C
C 35 19 17 35 24 11	0	0	0	0	5	51	222	2	0	0	0	35 17 19 35 11 24 A
A 35 19 16 35 25 11	0	0	0	0	0	3	278	100	4	0	0	35 16 19 35 11 25 C
C 35 20 16 35 25 10	0	0	0	0	3	23	172	7	0	0	0	35 16 20 35 10 25 A
A 35 20 15 35 26 10	0	0	0	0	0	1	90	212	8	0	0	35 15 20 35 10 26 C
C 35 21 15 35 26 9	0	0	0	0	1	11	91	34	0	0	0	35 15 21 35 9 26 A
A 35 21 14 35 27 9	0	0	0	0	0	0	17	345	19	0	0	35 14 21 35 9 27 C
C 35 22 14 35 27 8	0	0	0	0	1	5	39	80	0	0	0	35 14 22 35 8 27 A
A 35 22 13 35 28 8	0	0	0	0	0	0	4	355	46	0	0	35 13 22 35 8 28 C
C 35 23 13 35 28 7	0	0	0	0	0	2	16	90	1	0	0	35 13 23 35 7 28 A
A 35 23 12 35 29 7	0	0	0	0	0	0	1	196	111	0	0	35 12 23 35 7 29 C
C 35 24 12 35 29 6	0	0	0	0	0	1	6	59	7	0	0	35 12 24 35 6 29 A
A 35 24 11 35 30 6	0	0	0	0	0	0	0	46	206	1	0	35 11 24 35 6 30 C
C 35 25 11 35 30 5	0	0	0	0	0	0	3	25	21	0	0	35 11 25 35 5 30 A
A 35 25 10 35 31 5	0	0	0	0	0	0	0	7	228	3	0	35 10 25 35 5 31 C
C 35 26 10 35 31 4	0	0	0	0	0	0	1	8	25	0	0	35 10 26 35 4 31 A
A 35 26 9 35 32 4	0	0	0	0	0	0	0	1	123	9	0	35 9 26 35 4 32 C
C 35 27 9 35 32 3	0	0	0	0	0	0	0	2	15	0	0	35 9 27 35 3 32 A
A 35 27 8 35 33 3	0	0	0	0	0	0	0	0	24	26	0	35 8 27 35 3 33 C
C 35 28 8 35 33 2	0	0	0	0	0	0	0	1	5	0	0	35 8 28 35 2 33 A
A 35 28 7 35 34 2	0	0	0	0	0	0	0	0	2	43	0	35 7 28 35 2 34 C
C 35 29 7 35 34 1	0	0	0	0	0	0	0	0	1	1	0	35 7 29 35 1 34 A
A 35 29 6 35 35 1	0	0	0	0	0	0	0	0	0	22	0	35 6 29 35 1 35 C
C 35 30 6 35 35 0	0	0	0	0	0	0	0	0	0	1	0	35 6 30 35 0 35 A
						$\Delta\tau = 13$						
A 35 15 21 35 21 14	0	0	0	0	3	40	2	0	0	0	0	35 21 15 35 14 21 C
C 35 15 20 35 22 14	0	0	0	0	0	31	8	0	0	0	0	35 20 15 35 14 22 A
A 35 16 20 35 22 13	0	0	0	0	1	33	9	0	0	0	0	35 20 16 35 13 22 C
C 35 16 19 35 23 13	0	0	0	0	0	13	17	0	0	0	0	35 19 16 35 13 23 A
A 35 17 19 35 23 12	0	0	0	0	1	18	29	0	0	0	0	35 19 17 35 12 23 C
C 35 17 18 35 24 12	0	0	0	0	0	3	25	1	0	0	0	35 18 17 35 12 24 A
A 35 18 18 35 24 11	0	0	0	0	0	8	45	0	0	0	0	35 18 18 35 11 24 C
C 35 18 17 35 25 11	0	0	0	0	0	1	23	1	0	0	0	35 17 18 35 11 25 A
A 35 19 17 35 25 10	0	0	0	0	0	3	43	2	0	0	0	35 17 19 35 10 25 C
C 35 19 16 35 26 10	0	0	0	0	0	0	12	4	0	0	0	35 16 19 35 10 26 A
A 35 20 16 35 26 9	0	0	0	0	0	1	26	9	0	0	0	35 16 20 35 9 26 C
C 35 20 15 35 27 9	0	0	0	0	0	0	3	7	0	0	0	35 15 20 35 9 27 A
A 35 21 15 35 27 8	0	0	0	0	0	0	11	27	0	0	0	35 15 21 35 8 27 C
C 35 21 14 35 28 8	0	0	0	0	0	0	0	9	0	0	0	35 14 21 35 8 28 A
A 35 22 14 35 28 7	0	0	0	0	0	0	4	38	0	0	0	35 14 22 35 7 28 C
C 35 22 13 35 29 7	0	0	0	0	0	0	0	7	1	0	0	35 13 22 35 7 29 A
A 35 23 13 35 29 6	0	0	0	0	0	0	1	31	3	0	0	35 13 23 35 6 29 C
C 35 23 12 35 30 6	0	0	0	0	0	0	0	3	1	0	0	35 12 23 35 6 30 A
A 35 24 12 35 30 5	0	0	0	0	0	0	0	15	12	0	0	35 12 24 35 5 30 C
C 35 24 11 35 31 5	0	0	0	0	0	0	0	1	2	0	0	35 11 24 35 5 31 A
A 35 25 11 35 31 4	0	0	0	0	0	0	0	5	19	0	0	35 11 25 35 4 31 C
C 35 25 10 35 32 4	0	0	0	0	0	0	0	0	2	0	0	35 10 25 35 4 32 A
A 35 26 10 35 32 3	0	0	0	0	0	0	0	1	15	0	0	35 10 26 35 3 32 C
C 35 26 9 35 33 3	0	0	0	0	0	0	0	0	1	0	0	35 9 26 35 3 33 A
A 35 27 9 35 33 2	0	0	0	0	0	0	0	0	6	1	0	35 9 27 35 2 33 C
A 35 28 8 35 34 1	0	0	0	0	0	0	0	0	1	2	0	35 8 28 35 1 34 C
A 35 29 7 35 35 0	0	0	0	0	0	0	0	0	0	1	0	35 7 29 35 0 35 C

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
												$\Delta\tau = 14$												
B	35	14	21	35	21	14	0	0	0	0	2	80	2	0	0	0	0	35	21	14	35	14	21	B
B	35	15	21	35	22	14	0	0	0	0	1	8	2	0	0	0	0	35	21	15	35	14	22	B
B	35	15	20	35	22	13	0	0	0	0	1	62	14	0	0	0	0	35	20	15	35	13	22	B
B	35	16	20	35	23	13	0	0	0	0	0	5	4	0	0	0	0	35	20	16	35	13	23	B
B	35	16	19	35	23	12	0	0	0	0	0	27	44	0	0	0	0	35	19	16	35	12	23	B
B	35	17	19	35	24	12	0	0	0	0	0	2	6	0	0	0	0	35	19	17	35	12	24	B
B	35	17	18	35	24	11	0	0	0	0	0	6	70	0	0	0	0	35	18	17	35	11	24	B
B	35	18	18	35	25	11	0	0	0	0	0	1	7	0	0	0	0	35	18	18	35	11	25	B
B	35	18	17	35	25	10	0	0	0	0	0	1	65	2	0	0	0	35	17	18	35	10	25	B
B	35	19	17	35	26	10	0	0	0	0	0	0	5	1	0	0	0	35	17	19	35	10	26	B
B	35	19	16	35	26	9	0	0	0	0	0	0	35	12	0	0	0	35	16	19	35	9	26	B
B	35	20	16	35	27	9	0	0	0	0	0	0	3	2	0	0	0	35	16	20	35	9	27	B
B	35	20	15	35	27	8	0	0	0	0	0	0	9	34	0	0	0	35	15	20	35	8	27	B
B	35	21	15	35	28	8	0	0	0	0	0	0	1	4	0	0	0	35	15	21	35	8	28	B
B	35	21	14	35	28	7	0	0	0	0	0	0	1	47	0	0	0	35	14	21	35	7	28	B
B	35	22	14	35	29	7	0	0	0	0	0	0	0	4	0	0	0	35	14	22	35	7	29	B
B	35	22	13	35	29	6	0	0	0	0	0	0	0	37	4	0	0	35	13	22	35	6	29	B
B	35	23	13	35	30	6	0	0	0	0	0	0	0	2	1	0	0	35	13	23	35	6	30	B
B	35	23	12	35	30	5	0	0	0	0	0	0	0	15	13	0	0	35	12	23	35	5	30	B
B	35	24	12	35	31	5	0	0	0	0	0	0	0	1	1	0	0	35	12	24	35	5	31	B
B	35	24	11	35	31	4	0	0	0	0	0	0	0	3	21	0	0	35	11	24	35	4	31	B
B	35	25	11	35	32	4	0	0	0	0	0	0	0	0	1	0	0	35	11	25	35	4	32	B
B	35	25	10	35	32	3	0	0	0	0	0	0	0	0	16	0	0	35	10	25	35	3	32	B
B	35	26	10	35	33	3	0	0	0	0	0	0	0	0	1	0	0	35	10	26	35	3	33	B
B	35	26	9	35	33	2	0	0	0	0	0	0	0	0	6	1	0	35	9	26	35	2	33	B
B	35	27	8	35	34	1	0	0	0	0	0	0	0	0	1	2	0	35	8	27	35	1	34	B
B	35	28	7	35	35	0	0	0	0	0	0	0	0	0	0	1	0	35	7	28	35	0	35	B
												$\Delta\tau = 15$												
A	35	14	21	35	22	14	0	0	0	0	0	4	1	0	0	0	0	35	21	14	35	14	22	C
C	35	15	21	35	22	13	0	0	0	0	0	4	0	0	0	0	0	35	21	15	35	13	22	A
A	35	15	20	35	23	13	0	0	0	0	0	3	2	0	0	0	0	35	20	15	35	13	23	C
C	35	16	20	35	23	12	0	0	0	0	0	3	1	0	0	0	0	35	20	16	35	12	23	A
A	35	16	19	35	24	12	0	0	0	0	0	1	4	0	0	0	0	35	19	16	35	12	24	C
C	35	17	19	35	24	11	0	0	0	0	0	1	2	0	0	0	0	35	19	17	35	11	24	A
A	35	17	18	35	25	11	0	0	0	0	0	0	5	0	0	0	0	35	18	17	35	11	25	C
C	35	18	18	35	25	10	0	0	0	0	0	0	3	0	0	0	0	35	18	18	35	10	25	A
A	35	18	17	35	26	10	0	0	0	0	0	0	3	1	0	0	0	35	17	18	35	10	26	C
C	35	19	17	35	26	9	0	0	0	0	0	0	2	0	0	0	0	35	17	19	35	9	26	A
A	35	19	16	35	27	9	0	0	0	0	0	0	2	2	0	0	0	35	16	19	35	9	27	C
C	35	20	16	35	27	8	0	0	0	0	0	0	1	0	0	0	0	35	16	20	35	8	27	A
A	35	20	15	35	28	8	0	0	0	0	0	0	0	3	0	0	0	35	15	20	35	8	28	C
C	35	21	15	35	28	7	0	0	0	0	0	0	0	1	0	0	0	35	15	21	35	7	28	A
A	35	21	14	35	29	7	0	0	0	0	0	0	0	3	0	0	0	35	14	21	35	7	29	C
C	35	22	14	35	29	6	0	0	0	0	0	0	0	1	0	0	0	35	14	22	35	6	29	A
A	35	22	13	35	30	6	0	0	0	0	0	0	0	2	1	0	0	35	13	22	35	6	30	C
A	35	23	12	35	31	5	0	0	0	0	0	0	0	1	1	0	0	35	12	23	35	5	31	C
A	35	24	11	35	32	4	0	0	0	0	0	0	0	0	1	0	0	35	11	24	35	4	32	C
A	35	25	10	35	33	3	0	0	0	0	0	0	0	0	1	0	0	35	10	25	35	3	33	C
												$\Delta\tau = 18$												
B	35	13	22	35	22	13	0	0	0	0	0	1	0	0	0	0	0	35	22	13	35	13	22	B
B	35	14	21	35	23	12	0	0	0	0	0	1	0	0	0	0	0	35	21	14	35	12	23	B
B	35	16	19	35	25	10	0	0	0	0	0	0	1	0	0	0	0	35	19	16	35	10	25	B
B	35	17	18	35	26	9	0	0	0	0	0	0	1	0	0	0	0	35	18	17	35	9	26	B

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
J=35			ΔJ = 1																					
												Δτ = 0												
B	35	18	17	36	19	18	2062500	2031648	1930161	1767840	1425857	814227	1264970	1660503	1841392	1953509	1987500	35	17	18	36	18	19	B
B	35	19	16	36	20	17	2138889	2110859	2018860	1872674	1572045	1031675	1078398	1549426	1752181	1876369	1913889	35	16	19	36	17	20	B
B	35	20	15	36	21	16	2216667	2191202	2107768	1975861	1709099	1264439	868857	1432722	1662025	1800130	1841667	35	15	20	36	16	21	B
B	35	21	14	36	22	15	2295833	2272719	2197099	2078022	1840097	1462071	786496	1307275	1570216	1724661	1770833	35	14	21	36	15	22	B
B	35	22	13	36	23	14	2376389	2355448	2287022	2179616	1966941	1639022	972161	1167383	1475725	1649783	1701389	35	13	22	36	14	23	B
B	35	23	12	36	24	13	2458333	2439417	2377670	2280999	2090897	1803653	1260326	1002375	1376976	1575246	1633333	35	12	23	36	13	24	B
B	35	24	11	36	25	12	2541667	2524650	2469150	2382444	2212859	1960266	1509728	829733	1271376	1500685	1566667	35	11	24	36	12	25	B
B	35	25	10	36	26	11	2626389	2611165	2561548	2484171	2333480	2111391	1728830	833742	1154246	1425556	1501389	35	10	25	36	11	26	B
B	35	26	9	36	27	10	2712500	2698978	2654937	2586356	2453259	2258663	1930925	1125371	1016593	1349006	1437500	35	9	26	36	10	27	B
B	35	27	8	36	28	9	2800000	2788102	2749374	2689143	2572579	2403209	2122348	1483369	861049	1269617	1375000	35	8	27	36	9	28	B
B	35	28	7	36	29	8	2888889	2878550	2844911	2792651	2691748	2545847	2306590	1789099	849021	1184829	1313889	35	7	28	36	8	29	B
B	35	29	6	36	30	7	2979167	2970329	2941588	2896977	2811011	2687190	2485815	2062997	1181463	1089565	1254167	35	6	29	36	7	30	B
B	35	30	5	36	31	6	3070833	3063448	3039440	3002206	2930570	2827712	2661480	2319062	1657042	974291	1195833	35	5	30	36	6	31	B
B	35	31	4	36	32	5	3163889	3157915	3138499	3108407	3050592	2967789	2834616	2563861	2068901	875407	1138889	35	4	31	36	5	32	B
B	35	32	3	36	33	4	3258333	3253733	3238788	3215639	3171215	3107723	3005990	2801064	2437575	1091701	1083333	35	3	32	36	4	33	B
B	35	33	2	36	34	3	3354146	3350907	3340331	3323955	3292558	3247759	3176188	3032974	2783469	1810614	1029167	35	2	33	36	3	34	B
B	35	34	1	36	35	2	3451194	3449169	3443106	3433357	3414719	3388104	3345671	3261151	3115501	2586281	976389	35	1	34	36	2	35	B
B	35	35	0	36	36	1	3549942	3549342	3545377	3543826	3537645	3528927	3514807	3486714	3438449	3267053	1850000	35	0	35	36	1	36	B
												Δτ = 1												
C	35	0	35	36	1	35	1850000	417072	270001	230872	211109	203198	199531	197841	197301	197213	197181	35	35	0	36	35	1	A
C	35	1	35	36	2	35	976389	416975	270001	230872	211109	203199	199517	197836	197349	197260	197230	35	35	1	36	35	2	A
C	35	1	34	36	2	34	976389	824987	532496	455256	416271	400672	393412	390099	389182	388967	388912	35	34	1	36	34	2	A
C	35	2	34	36	3	34	1029167	818459	532496	455256	416271	400672	393412	390099	389157	388904	388890	35	34	2	36	34	3	A
C	35	2	33	36	3	33	1029167	1310723	787753	673194	615493	592423	581688	576789	575399	575022	575007	35	33	2	36	33	3	A
C	35	3	33	36	4	33	1083333	1161767	787752	673194	615493	592423	581688	576789	575399	575023	575000	35	33	3	36	33	4	A
C	35	3	32	36	4	32	1083333	1729927	1036259	884762	808785	778451	764343	757906	756079	755586	755555	35	32	3	36	32	4	A
C	35	4	32	36	5	32	1138889	1342250	1036219	884762	808785	778451	764343	757906	756079	755586	755556	35	32	4	36	32	5	A
C	35	4	31	36	5	31	1138889	1495871	1278992	1090082	996161	958759	941378	933451	931200	930593	930556	35	31	4	36	31	5	A
C	35	5	31	36	6	31	1195833	1384934	1278016	1090082	996161	958759	941378	933451	931200	930593	930556	35	31	5	36	31	6	A
C	35	5	30	36	6	30	1195833	1395645	1528190	1289364	1177645	1133351	1112793	1103422	1100762	1100044	1100000	35	30	5	36	30	6	A
C	35	6	30	36	7	30	1254167	1404422	1505867	1289362	1177645	1133351	1112793	1103422	1100762	1100044	1100000	35	30	6	36	30	7	A
C	35	6	29	36	7	29	1254167	1404978	1879714	1482967	1353275	1302231	1278589	1267820	1264764	1263939	1263889	35	29	6	36	29	7	A
C	35	7	29	36	8	29	1313889	1434896	1681019	1482937	1353275	1302231	1278589	1267820	1264764	1263939	1263889	35	29	7	36	29	8	A
C	35	7	28	36	8	28	1313889	1434919	2023289	1671546	1523111	1465408	1438766	1426645	1423207	1422279	1422222	35	28	7	36	28	8	A
C	35	8	28	36	9	28	1375000	1475244	1760118	1670994	1523111	1465408	1438766	1426645	1423207	1422279	1422222	35	28	8	36	28	9	A
C	35	8	27	36	9	27	1375000	1475245	1830212	1860381	1687252	1622895	1593327	1579897	1576090	1575063	1575000	35	27	8	36	27	9	A
C	35	9	27	36	10	27	1437500	1522443	1780975	1849936	1687252	1622895	1593327	1579897	1576090	1575063	1575000	35	27	9	36	27	10	A
C	35	9	26	36	10	26	1437500	1522443	1786702	2114859	1845864	1774711	1742272	1727576	1723414	1722291	1722222	35	26	9	36	26	10	A
C	35	10	26	36	11	26	1501389	1574628	1798168	1997542	1845861	1774711	1742272	1727576	1723414	1722291	1722222	35	26	10	36	26	11	A
C	35	10	25	36	11	25	1501389	1574628	1798606	2318525	1999219	1920887	1885606	1869682	1865178	1863963	1863889	35	25	10	36	25	11	A
C	35	11	25	36	12	25	1566667	1630673	1825453	2078281	1999173	1920887	1885606	1869682	1865178	1863963	1863889	35	25	11	36	25	12	A
C	35	11	24	36	12	24	1566667	1630673	1825482	2180405	2147848	2061477	2023333	2006216	2001383	2000080	2000000	35	24	11	36	24	12	A
C	35	12	24	36	13	24	1633333	1689867	1861681	2105007	2147114	2061477	2023333	2006216	2001383	2000080	2000000	35	24	12	36	24	13	A
C	35	12	23	36	13	23	1633333	1689867	1861682	2115202	2298190	2196563	2155462	2137176	2132028	2130641	2130556	35	23	12	36	23	13	A
C	35	13	23	36	14	23	1701389	1751740	1904764	2121703	2285669	2196562	2155462	2137176	2132028	2130641	2130556	35	23	13	36	23	14	A
C	35	13	22	36	14	22	1701389	1751740	1904764	2122606	2507986	2326287	2282005	2262565	2257113	2255645	2255556	35	22	13	36	22	14	A
C	35	14	22	36	15	22	1770833	1815973	1953247	2146123	2396032	2326277	2282005	2262565	2257113	2255645	2255556	35	22	14	36	22	15	A
C	35	14	21	36	15	21	1770833	1815973	1953247	2146199	2634111	2450879	2402985	2382383	2376639	2375095	2375000	35	21	14	36	21	15	A
C	35	15	21	36	16	21	1841667	1882339	2006145	2179036	2455403	2450727	2402985	2382383	2376639	2375095	2375000	35	21	15	36	21	16	A
C	35	15	20	36	16	20	1841667	1882339	2006145	2179041	2520641	2571347	2518437	2496631	2490604	2488988	2488889	35	20	15	36	20	16	A
C	35	16	20	36	17	20	1913889	1950675	2062772	2218779	2479115	2568915	2518437	2496631	2490604	2488988	2488889	35	20	16	36	20	17	A
C	35	16	19	36	17	19	1913889	1950675	2062772	2218779	2485632	2708348	2628420	2605311	2599010	2597325	2597222	35	19	16	36	19	17	A
C	35	17	19	36	18	19	1987500	2020861	2122631	2264027	2498488	2672952	2628419	2605311	2599010	2597325	2597222	35	19	17	36	19	18	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ = ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	35	17	18	36	18	18	1987500	2020861	2122631	2264027	2499112	2879429	2733032	2708427	2701856	2700107	2700000	35	18	17	36	18	18	A
C	35	18	18	36	19	18	2062500	2092807	2185356	2313854	2524781	2743706	2733006	2708427	2701856	2700107	2700000	35	18	18	36	18	19	A
C	35	18	17	36	19	17	2062500	2092807	2185356	2313854	2524838	2860040	2832454	2805986	2799142	2797333	2797222	35	17	18	36	17	19	A
C	35	19	17	36	20	17	2138889	2166444	2250667	2367600	2558220	2777280	2832043	2805986	2799142	2797333	2797222	35	17	19	36	17	20	A
C	35	19	16	36	20	16	2138889	2166444	2250667	2367600	2558224	2793873	2930165	2898001	2890867	2889002	2888889	35	16	19	36	16	20	A
C	35	20	16	36	21	16	2216667	2241716	2318349	2424776	2597539	2797427	2923043	2898001	2890867	2889002	2888889	35	16	20	36	16	21	A
C	35	20	15	36	21	15	2216667	2241716	2318349	2424776	2597539	2799009	3058351	2984490	2977032	2975116	2975000	35	15	20	36	15	21	A
C	35	21	15	36	22	15	2295833	2318582	2388232	2485013	2641729	2821098	2995408	2984489	2977032	2975116	2975000	35	15	21	36	15	22	A
C	35	21	14	36	22	14	2295833	2318582	2388232	2485013	2641729	2821251	3131439	3065482	3057637	3055674	3055556	35	14	21	36	14	22	A
C	35	22	14	36	23	14	2376389	2397008	2460184	2548023	2690070	2851194	3037674	3065466	3057637	3055674	3055556	35	14	22	36	14	23	A
C	35	22	13	36	23	13	2376389	2397008	2460184	2548023	2690070	2851207	3073689	3141029	3132682	3130675	3130556	35	13	22	36	13	23	A
C	35	23	13	36	24	13	2458333	2476967	2534094	2613579	2742037	2886898	3060450	3140744	3132682	3130675	3130556	35	13	23	36	13	24	A
C	35	23	12	36	24	12	2458333	2476967	2534094	2613579	2742037	2886899	3064035	3213824	3202166	3200120	3200000	35	12	23	36	12	24	A
C	35	24	12	36	25	12	2541667	2558435	2609876	2681497	2797231	2927275	3082064	3208338	3202166	3200120	3200000	35	12	24	36	12	25	A
C	35	24	11	36	25	11	2541667	2558435	2609876	2681497	2797231	2927275	3082407	3304166	3266088	3264008	3263889	35	11	24	36	11	25	A
C	35	25	11	36	26	11	2626389	2641395	2687456	2751630	2855347	2971637	3108777	3260707	3266085	3264008	3263889	35	11	25	36	11	26	A
C	35	25	10	36	26	10	2626389	2641395	2687456	2751630	2855347	2971637	3108807	3341738	3324423	3322338	3322222	35	10	25	36	10	26	A
C	35	26	10	36	27	10	2712500	2725832	2766774	2823853	2916138	3019488	3140594	3291967	3324373	3322338	3322222	35	10	26	36	10	27	A
C	35	26	9	36	27	9	2712500	2725832	2766774	2823853	2916138	3019488	3140596	3309288	3377523	3375109	3375000	35	9	26	36	9	27	A
C	35	27	9	36	28	9	2800000	2811733	2847780	2898066	2979407	3070452	3176720	3312159	3376339	3375109	3375000	35	9	27	36	9	28	A
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B	35	2	34	36	3	33	1029167	77533	19125	11194	7617	6097	5236	4675	4395	4220	4167	35	34	2	36	33	3	B
B	35	3	33	36	4	32	1083333	288229	39382	22659	15303	12215	10478	9350	8790	8440	8333	35	33	3	36	32	4	B
B	35	4	32	36	5	31	1138889	714172	67857	38267	25626	20394	17472	15583	14650	14066	13889	35	32	4	36	31	5	B
B	35	5	31	36	6	30	1195833	962913	106923	58235	38630	30644	26219	23373	21972	21098	20833	35	31	5	36	30	6	B
B	35	6	30	36	7	29	1254167	1088973	187481	82812	54363	42974	36718	32718	30757	29536	29167	35	30	6	36	29	7	B
B	35	7	29	36	8	28	1313889	1184805	432458	112232	72872	57390	48966	43615	41001	39378	38889	35	29	7	36	28	8	B
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B	35	9	27	36	10	26	1437500	1349006	1010300	204746	118360	92486	78683	70037	65856	63275	62500	35	27	9	36	26	10	B
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B	35	13	23	36	14	22	1701389	1649783	1475725	1166328	264297	186726	158402	141040	132840	127867	126389	35	23	13	36	22	14	B
B	35	14	22	36	15	21	1770833	1724661	1570216	1307187	453826	214271	182245	162425	153112	147496	145833	35	22	14	36	21	15	B
B	35	15	21	36	16	20	1841667	1800130	1662025	1432715	795429	242068	207396	185165	174750	168507	166667	35	21	15	36	20	16	B
B	35	16	20	36	17	19	1913889	1876369	1752181	1549425	1070406	274439	233557	209174	197715	190890	188889	35	20	16	36	19	17	B
B	35	17	19	36	18	18	1987500	1953509	1841392	1660503	1264171	375217	260163	234322	221956	214633	212500	35	19	17	36	18	18	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
B	35	18	18	36	19	17	2062500	2031648	1930161	1767840	1425784	662328	286065	260415	247398	239718	237500	35	18	18	36	17	19	B
B	35	19	17	36	20	16	2138889	2110859	2018860	1872674	1572040	1009974	309913	287146	273936	266123	263889	35	17	19	36	16	20	B
B	35	20	16	36	21	15	2216667	2191202	2107768	1975861	1709098	1262188	355132	314005	301415	293813	291667	35	16	20	36	15	21	B
B	35	21	15	36	22	14	2295833	2272719	2197099	2078022	1840097	1461850	542869	340062	329605	322740	320833	35	15	21	36	14	22	B
B	35	22	14	36	23	13	2376389	2355448	2287022	2179616	1966941	1639003	918456	363496	358142	352834	351389	35	14	22	36	13	23	B
B	35	23	13	36	24	12	2458333	2439417	2377670	2280999	2090897	1803651	1254457	382155	386435	383988	383333	35	13	23	36	12	24	B
B	35	24	12	36	25	11	2541667	2524650	2469150	2382444	2212859	1960266	1509143	428396	413439	416039	416667	35	12	24	36	11	25	B
B	35	25	11	36	26	10	2626389	2611165	2561548	2484171	2333480	2111391	1728779	653225	437139	448728	451389	35	11	25	36	10	26	B
B	35	26	10	36	27	9	2712500	2698978	2654937	2586356	2453259	2258663	1930921	1090777	453861	481623	487500	35	10	26	36	9	27	B
B	35	27	9	36	28	8	2800000	2788102	2749374	2689143	2572579	2403209	2122348	1479919	477401	513961	525000	35	9	27	36	8	28	B
B	35	28	8	36	29	7	2888889	2878550	2844911	2792651	2691748	2545847	2306590	1788793	653119	544286	563889	35	8	28	36	7	29	B
B	35	29	7	36	30	6	2979167	2970329	2941588	2896977	2811011	2687190	2485815	2062975	1134091	569540	604167	35	7	29	36	6	30	B
B	35	30	6	36	31	5	3070833	3063448	3039440	3002206	2930570	2827712	2661480	2319061	1652489	584256	645833	35	6	30	36	5	31	B
B	35	31	5	36	32	4	3163889	3157914	3138498	3108407	3050592	2967789	2834616	2563861	2068557	628259	688889	35	5	31	36	4	32	B
B	35	32	4	36	33	3	3258325	3253733	3238787	3215639	3171215	3107723	3005990	2801064	2437555	978125	733333	35	4	32	36	3	33	B
B	35	33	3	36	34	2	3354137	3350831	3340275	3323955	3292558	3247759	3176188	3032974	2783468	1793387	779167	35	3	33	36	2	34	B
B	35	34	2	36	35	1	3450747	3449154	3442141	3433393	3414705	3388104	3345671	3261151	3115501	2585363	826389	35	2	34	36	1	35	B
B	35	35	1	36	36	0	3549751	3549151	3546937	3544006	3537772	3528925	3514807	3486714	3438449	3267031	1750000	35	1	35	36	0	36	B
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A	35	1	34	36	3	33	0	1990	1925	2246	2670	3052	3406	3741	3957	4115	4164	35	34	1	36	33	3	C
A	35	2	34	36	4	33	0	1571	1925	2246	2670	3052	3406	3741	3956	4115	4167	35	34	2	36	33	4	C
A	35	2	33	36	4	32	0	6396	3999	4563	5375	6121	6819	7485	7914	8229	8333	35	33	2	36	32	4	C
A	35	3	33	36	5	32	0	2476	3999	4563	5375	6121	6819	7485	7914	8229	8333	35	33	3	36	32	5	C
A	35	3	32	36	5	31	0	5982	7006	7752	9027	10236	11382	12481	13192	13716	13889	35	32	3	36	31	5	C
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A	35	5	31	36	7	30	0	1745	11036	11906	13663	15416	17104	18733	19792	20575	20833	35	31	5	36	30	7	C
A	35	5	30	36	7	29	0	1762	20621	17172	19338	21687	23996	26246	27717	28806	29167	35	30	5	36	29	7	C
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A	35	6	29	36	8	28	0	1325	36672	23797	26125	29084	32076	35028	36968	38411	38889	35	29	6	36	28	8	C
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A	35	7	28	36	9	27	0	1044	26811	32376	34134	37653	41367	45088	47552	49389	50000	35	28	7	36	27	9	C
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A	35	8	27	36	10	26	0	848	16424	47511	43530	47461	51899	56438	59472	61744	62500	35	27	8	36	26	10	C
A	35	9	27	36	11	26	0	706	12778	40602	43530	47461	51899	56438	59472	61744	62500	35	27	9	36	26	11	C
A	35	9	26	36	11	25	0	706	12839	79531	54571	58598	63713	69097	72735	75475	76389	35	26	9	36	25	11	C
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A	35	10	25	36	12	24	0	598	10670	73654	67705	71197	76863	83085	87352	90585	91667	35	25	10	36	24	12	C
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A	35	11	24	36	13	23	0	513	9068	47197	84228	85450	91427	98435	103335	107077	108333	35	24	11	36	23	13	C
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A	35	13	22	36	15	21	0	390	6826	31881	171234	120293	125257	133392	139473	144223	145833	35	22	13	36	21	15	C
A	35	14	22	36	16	21	0	344	6006	27698	103357	120246	125257	133392	139473	144223	145833	35	22	14	36	21	16	C
A	35	14	21	36	16	20	0	344	6006	27700	147736	142338	144890	153129	159681	164890	166667	35	21	14	36	20	16	C
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A	35	15	20	36	17	19	0	306	5319	24331	102878	173531	166732	174500	181367	186963	188889	35	20	15	36	19	17	C
A	35	16	20	36	18	19	0	272	4732	21532	85099	164765	166730	174500	181367	186963	188889	35	20	16	36	19	18	C
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A	35	17	19	36	19	18	0	243	4226	19154	74546	180706	191280	197649	204586	210456	212500	35	19	17	36	18	19	C
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A	35	18	18	36	20	17	0	218	3782	17098	65758	177506	219235	222784	229417	235386	237500	35	18	18	36	17	20	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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A	35	20	16	36	22	15	0	175	3038	13690	51924	140788	279027	280390	284398	289663	291667	35	16	20	36	15	22	C
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A	35	22	14	36	24	13	0	140	2433	10945	41224	109533	265288	352175	347905	350135	351389	35	14	22	36	13	24	C
A	35	22	13	36	24	12	0	140	2433	10945	41224	109534	277036	400519	383846	382894	383333	35	13	22	36	12	24	C
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A	35	25	10	36	27	9	0	98	1699	7633	28611	75048	177566	527905	522667	493565	487500	35	10	25	36	9	27	C
A	35	26	10	36	28	9	0	86	1488	6682	25024	65500	154057	385256	519061	493565	487500	35	10	26	36	9	28	C
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A	35	27	9	36	29	8	0	74	1289	5788	21665	56623	132639	330025	565885	536040	525000	35	9	27	36	8	29	C
A	35	27	8	36	29	7	0	74	1289	5788	21665	56623	132639	330656	822095	582917	563889	35	8	27	36	7	29	C
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A	35	29	7	36	31	6	0	53	923	4146	15507	40451	94310	230908	504605	636197	604167	35	7	29	36	6	31	C
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A	35	30	6	36	32	5	0	44	754	3385	12656	32998	76830	187299	410931	696549	645833	35	6	30	36	5	32	C
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A	35	32	4	36	34	3	0	25	436	1958	7317	19064	44323	107575	233536	661558	733333	35	4	32	36	3	34	C
A	35	32	3	36	34	2	0	25	436	1958	7317	19064	44323	107575	233538	803369	779167	35	3	32	36	2	34	C
A	35	33	3	36	35	2	0	17	286	1284	4797	12498	29047	70431	152540	459144	779167	35	3	33	36	2	35	C
A	35	33	2	36	35	1	0	16	286	1284	4797	12498	29047	70431	152540	465937	826389	35	2	33	36	1	35	C
A	35	34	2	36	36	1	0	8	143	632	2362	6153	14297	34651	74968	226739	826389	35	2	34	36	1	36	C
A	35	34	1	36	36	0	0	8	141	632	2362	6153	14297	34651	74968	226851	1750000	35	1	34	36	0	36	C
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B	35	3	32	36	6	31	0	22606	67703	38267	25626	20394	17472	15583	14650	14066	13889	35	32	3	36	31	6	B
B	35	4	31	36	7	30	0	6323	103015	58235	38630	30644	26219	23373	21972	21098	20833	35	31	4	36	30	7	B
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B	35	7	28	36	10	27	0	1019	31672	144447	94199	73896	62958	56057	52702	50625	50000	35	28	7	36	27	10	B
B	35	8	27	36	11	26	0	659	14179	165368	118359	92486	78683	70037	65856	63275	62500	35	27	8	36	26	11	B
B	35	9	26	36	12	25	0	444	8780	127581	145267	113141	96125	85544	80456	77327	76389	35	26	9	36	25	12	B
B	35	10	25	36	13	24	0	309	5925	54756	174362	135817	115257	102563	96495	92778	91667	35	25	10	36	24	13	B
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B	35	12	23	36	15	22	0	162	3000	16174	206716	186717	158402	141040	132840	127867	126389	35	23	12	36	22	15	B
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B	35	15	20	36	18	19	0	69	1253	6240	32590	254313	233554	209174	197715	190890	188889	35	20	15	36	19	18	B
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B	35	18	17	36	21	16	0	31	570	2768	12375	50798	303652	287146	273936	266123	263889	35	17	18	36	16	21	B
B	35	19	16	36	22	15	0	24	442	2135	9376	32640	285456	314001	301415	293813	291667	35	16	19	36	15	22	B
B	35	20	15	36	23	14	0	19	342	1650	7147	23746	181596	340013	329605	322740	320833	35	15	20	36	14	23	B

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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B	35	22	13	36	25	12	0	11	204	979	4167	13192	44618	373141	386434	383988	383333	35	13	22	36	12	25	B
B	35	23	12	36	26	11	0	9	156	748	3166	9875	31102	330456	413420	416039	416667	35	12	23	36	11	26	B
B	35	24	11	36	27	10	0	7	118	566	2386	7360	22430	187630	436823	448728	451389	35	11	24	36	10	27	B
B	35	25	10	36	28	9	0	5	89	423	1776	5434	16183	79064	449159	481623	487500	35	10	25	36	9	28	B
B	35	26	9	36	29	8	0	4	65	311	1301	3952	11573	44248	414833	513961	525000	35	9	26	36	8	29	B
B	35	27	8	36	30	7	0	3	47	223	931	2813	8131	29293	255483	544270	563889	35	8	27	36	7	30	B
B	35	28	7	36	31	6	0	2	32	155	645	1942	5557	19375	97550	569114	604167	35	7	28	36	6	31	B
B	35	29	6	36	32	5	0	1	22	103	428	1283	3642	12403	44962	575215	645833	35	6	29	36	5	32	B
B	35	30	5	36	33	4	0	1	13	64	266	794	2242	7499	25254	488071	688889	35	5	30	36	4	33	B
B	35	31	4	36	34	3	0	0	8	36	149	444	1248	4119	13406	210757	733333	35	4	31	36	3	34	B
B	35	32	3	36	35	2	0	0	4	17	70	208	582	1899	6033	50816	779167	35	3	32	36	2	35	B
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C	35	1	34	36	4	32	0	20420	901	271	88	35	13	3	1	0	0	35	34	1	36	32	4	A
C	35	2	34	36	5	32	0	6268	900	271	88	35	13	3	1	0	0	35	34	2	36	32	5	A
C	35	2	33	36	5	31	0	55511	2627	740	235	91	33	9	2	0	0	35	33	2	36	31	5	A
C	35	3	33	36	6	31	0	8004	2621	740	235	91	33	9	2	0	0	35	33	3	36	31	6	A
C	35	3	32	36	6	30	0	21929	6447	1635	504	193	70	18	4	0	0	35	32	3	36	30	6	A
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C	35	16	20	36	19	18	0	51	862	3778	14706	23849	7217	1687	363	21	0	35	20	16	36	18	19	A
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C	35	17	19	36	20	17	0	40	664	2884	10813	25651	9794	2213	472	27	0	35	19	17	36	17	20	A
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C	35	20	16	36	23	14	0	18	308	1320	4656	12003	21092	5044	1032	58	0	35	16	20	36	14	23	A
C	35	20	15	36	23	13	0	18	308	1320	4656	12021	55588	6759	1345	76	0	35	15	20	36	13	23	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
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C	35	21	14	36	24	12	0	14	238	1018	3555	8888	29135	9309	1763	98	0	35	14	21	36	12	24	A
C	35	22	14	36	25	12	0	11	184	783	2711	6630	15253	9131	1763	98	0	35	14	22	36	12	25	A
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C	35	23	13	36	26	11	0	8	141	598	2059	4954	11032	12050	2334	128	0	35	13	23	36	11	26	A
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C	35	26	10	36	29	8	0	4	59	248	846	1978	4068	8792	5862	306	0	35	10	26	36	8	29	A
C	35	26	9	36	29	7	0	4	59	248	846	1978	4068	9098	13451	425	0	35	9	26	36	7	29	A
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C	35	33	3	36	36	1	0	0	1	4	14	33	64	118	183	296	0	35	3	33	36	1	36	A
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B	35	6	30	36	9	27	0	1665	16701	821	142	41	13	3	1	0	0	35	30	6	36	27	9	B
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B	35	22	14	36	25	11	0	11	204	979	4167	13192	42101	7592	1009	52	0	35	14	22	36	11	25	B
B	35	23	13	36	26	10	0	9	156	748	3166	9875	30960	21499	1648	82	0	35	13	23	36	10	26	B
B	35	24	12	36	27	9	0	7	118	566	2386	7360	22421	49677	2812	134	0	35	12	24	36	9	27	B
B	35	25	11	36	28	8	0	5	89	423	1776	5434	16182	55847	5401	224	0	35	11	25	36	8	28	B
B	35	26	10	36	29	7	0	4	65	311	1301	3952	11572	42644	15159	391	0	35	10	26	36	7	29	B
B	35	27	9	36	30	6	0	3	47	223	931	2813	8131	29216	44170	721	0	35	9	27	36	6	30	B
B	35	28	8	36	31	5	0	2	32	155	645	1942	5557	19372	57843	1443	0	35	8	28	36	5	31	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	κ ∓.3	κ 0	κ ±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	35	29	7	36	32	4	0	1	22	103	428	1283	3642	12403	42292	3588	0	35	7	29	36	4	32	B
B	35	30	6	36	33	3	0	1	13	64	266	794	2242	7499	25158	14918	0	35	6	30	36	3	33	B
B	35	31	5	36	34	2	0	0	8	36	149	444	1248	4119	13403	44662	0	35	5	31	36	2	34	B
B	35	32	4	36	35	1	0	0	4	17	70	208	582	1899	6033	36670	0	35	4	32	36	1	35	B
B	35	33	3	36	36	0	0	0	1	5	22	65	182	588	1833	11792	0	35	3	33	36	0	36	B
												$\Delta\tau$ = 7												
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A	35	1	35	36	5	32	0	5	1	0	0	0	0	0	0	0	0	35	35	1	36	32	5	C
A	35	1	34	36	5	31	0	126	7	3	1	1	0	0	0	0	0	35	34	1	36	31	5	C
A	35	2	34	36	6	31	0	14	7	3	1	1	0	0	0	0	0	35	34	2	36	31	6	C
A	35	2	33	36	6	30	0	143	30	10	4	2	1	0	0	0	0	35	33	2	36	30	6	C
A	35	3	33	36	7	30	0	12	29	10	4	2	1	0	0	0	0	35	33	3	36	30	7	C
A	35	3	32	36	7	29	0	34	125	28	10	4	2	1	0	0	0	35	32	3	36	29	7	C
A	35	4	32	36	8	29	0	6	89	28	10	4	2	1	0	0	0	35	32	4	36	29	8	C
A	35	4	31	36	8	28	0	7	619	70	24	10	4	1	0	0	0	35	31	4	36	28	8	C
A	35	5	31	36	9	28	0	2	186	69	24	10	4	1	0	0	0	35	31	5	36	28	9	C
A	35	5	30	36	9	27	0	2	1519	164	50	21	8	2	1	0	0	35	30	5	36	27	9	C
A	35	6	30	36	10	27	0	1	229	162	50	21	8	2	1	0	0	35	30	6	36	27	10	C
A	35	6	29	36	10	26	0	1	1023	422	98	39	15	4	1	0	0	35	29	6	36	26	10	C
A	35	7	29	36	11	26	0	0	168	350	98	39	15	4	1	0	0	35	29	7	36	26	11	C
A	35	7	28	36	11	25	0	0	288	1476	188	72	28	8	2	0	0	35	28	7	36	25	11	C
A	35	8	28	36	12	25	0	0	93	633	188	72	28	8	2	0	0	35	28	8	36	25	12	C
A	35	8	27	36	12	24	0	0	100	3957	352	126	47	13	3	0	0	35	27	8	36	24	12	C
A	35	9	27	36	13	24	0	0	49	799	352	126	47	13	3	0	0	35	27	9	36	24	13	C
A	35	9	26	36	13	23	0	0	50	3590	667	216	79	22	5	0	0	35	26	9	36	23	13	C
A	35	10	26	36	14	23	0	0	28	661	654	216	79	22	5	0	0	35	26	10	36	23	14	C
A	35	10	25	36	14	22	0	0	28	1273	1448	365	129	35	8	0	0	35	25	10	36	22	14	C
A	35	11	25	36	15	22	0	0	16	414	1177	365	129	35	8	0	0	35	25	11	36	22	15	C
A	35	11	24	36	15	21	0	0	16	463	4322	616	207	55	13	1	0	35	24	11	36	21	15	C
A	35	12	24	36	16	21	0	0	10	240	1828	616	207	55	13	1	0	35	24	12	36	21	16	C
A	35	12	23	36	16	20	0	0	10	242	9616	1053	329	86	20	1	0	35	23	12	36	20	16	C
A	35	13	23	36	17	20	0	0	6	142	2080	1047	329	86	20	1	0	35	23	13	36	20	17	C
A	35	13	22	36	17	19	0	0	6	142	7527	1904	522	132	30	2	0	35	22	13	36	19	17	C
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A	35	14	21	36	18	18	0	0	4	88	2725	4478	832	202	45	3	0	35	21	14	36	18	18	C
A	35	15	21	36	19	18	0	0	3	56	1062	2865	832	202	45	3	0	35	21	15	36	18	19	C
A	35	15	20	36	19	17	0	0	3	56	1145	12409	1344	310	69	4	0	35	20	15	36	17	19	C
A	35	16	20	36	20	17	0	0	2	36	644	3720	1342	310	69	4	0	35	20	16	36	17	20	C
A	35	16	19	36	20	16	0	0	2	36	648	16548	2243	475	104	6	0	35	19	16	36	16	20	C
A	35	17	19	36	21	16	0	0	1	24	398	3452	2205	475	104	6	0	35	19	17	36	16	21	C
A	35	17	18	36	21	15	0	0	1	24	398	7863	4294	735	157	9	0	35	18	17	36	15	21	C
A	35	18	18	36	22	15	0	0	1	16	252	2403	3592	735	157	9	0	35	18	18	36	15	22	C
A	35	18	17	36	22	14	0	0	1	16	252	2912	11494	1152	239	14	0	35	17	18	36	14	22	C
A	35	19	17	36	23	14	0	0	0	10	162	1479	5185	1152	239	14	0	35	17	19	36	14	23	C
A	35	19	16	36	23	13	0	0	0	10	162	1507	24526	1847	367	21	0	35	16	19	36	13	23	C
A	35	20	16	36	24	13	0	0	0	7	105	901	5608	1844	367	21	0	35	16	20	36	13	24	C
A	35	20	15	36	24	12	0	0	0	7	105	902	18196	3092	572	32	0	35	15	20	36	12	24	C
A	35	21	15	36	25	12	0	0	0	5	69	558	4316	3031	572	32	0	35	15	21	36	12	25	C
A	35	21	14	36	25	11	0	0	0	5	69	558	6537	6095	908	51	0	35	14	21	36	11	25	C
A	35	22	14	36	26	11	0	0	0	3	45	350	2686	4945	908	51	0	35	14	22	36	11	26	C
A	35	22	13	36	26	10	0	0	0	3	45	350	2840	17092	1484	80	0	35	13	22	36	10	26	C
A	35	23	13	36	27	10	0	0	0	2	29	219	1575	6999	1483	80	0	35	13	23	36	10	27	C
A	35	23	12	36	27	9	0	0	0	2	29	219	1582	34280	2534	130	0	35	12	23	36	9	27	C
A	35	24	12	36	28	9	0	0	0	1	18	136	922	7096	2511	130	0	35	12	24	36	9	28	C
A	35	24	11	36	28	8	0	0	0	1	18	136	923	21145	4872	218	0	35	11	24	36	8	28	C

												κ												
	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	35	25	11	36	29	8	0	0	0	1	11	83	540	4943	4341	218	0	35	11	25	36	8	29	C
A	35	25	10	36	29	7	0	0	0	1	11	83	540	6837	13641	381	0	35	10	25	36	7	29	C
A	35	26	10	36	30	7	0	0	0	0	7	50	311	2753	6778	381	0	35	10	26	36	7	30	C
A	35	26	9	36	30	6	0	0	0	0	7	50	311	2852	36587	703	0	35	9	26	36	6	30	C
A	35	27	9	36	31	6	0	0	0	0	4	29	174	1422	7478	703	0	35	9	27	36	6	31	C
A	35	27	8	36	31	5	0	0	0	0	4	29	174	1426	29068	1408	0	35	8	27	36	5	31	C
A	35	28	8	36	32	5	0	0	0	0	2	16	93	708	5072	1389	0	35	8	28	36	5	32	C
A	35	28	7	36	32	4	0	0	0	0	2	16	93	709	8208	3502	0	35	7	28	36	4	32	C
A	35	29	7	36	33	4	0	0	0	0	1	8	46	332	2390	2843	0	35	7	29	36	4	33	C
A	35	29	6	36	33	3	0	0	0	0	1	8	46	332	2535	14468	0	35	6	29	36	3	33	C
A	35	30	6	36	34	3	0	0	0	0	0	3	20	139	926	4666	0	35	6	30	36	3	34	C
A	35	30	5	36	34	2	0	0	0	0	0	3	20	139	930	37589	0	35	5	30	36	2	34	C
A	35	31	5	36	35	2	0	0	0	0	0	1	7	47	294	3751	0	35	5	31	36	2	35	C
A	35	31	4	36	35	1	0	0	0	0	0	1	7	47	294	14063	0	35	4	31	36	1	35	C
A	35	32	4	36	36	1	0	0	0	0	0	0	2	10	60	1016	0	35	4	32	36	1	36	C
A	35	32	3	36	36	0	0	0	0	0	0	0	2	10	60	1390	0	35	3	32	36	0	36	C
												$\Delta\tau = 8$												
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B	35	1	34	36	6	31	0	526	73	14	3	1	0	0	0	0	0	35	34	1	36	31	6	B
B	35	2	33	36	7	30	0	345	292	49	11	3	1	0	0	0	0	35	33	2	36	30	7	B
B	35	3	32	36	8	29	0	57	885	139	29	9	3	1	0	0	0	35	32	3	36	29	8	B
B	35	4	31	36	9	28	0	8	1839	347	67	20	6	1	0	0	0	35	31	4	36	28	9	B
B	35	5	30	36	10	27	0	2	2062	808	142	41	13	3	1	0	0	35	30	5	36	27	10	B
B	35	6	29	36	11	26	0	1	933	1747	281	79	24	5	1	0	0	35	29	6	36	26	11	B
B	35	7	28	36	12	25	0	0	202	3130	536	143	42	10	2	0	0	35	28	7	36	25	12	B
B	35	8	27	36	13	24	0	0	57	3682	1004	252	73	16	3	0	0	35	27	8	36	24	13	B
B	35	9	26	36	14	23	0	0	23	2119	1866	432	121	27	6	0	0	35	26	9	36	23	14	B
B	35	10	25	36	15	22	0	0	11	581	3351	730	198	44	9	0	0	35	25	10	36	22	15	B
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B	35	12	23	36	17	20	0	0	3	75	5264	2091	506	107	22	1	0	35	23	12	36	20	17	B
B	35	13	22	36	18	19	0	0	1	37	2708	3560	803	165	33	2	0	35	22	13	36	19	18	B
B	35	14	21	36	19	18	0	0	1	19	771	5671	1279	253	50	3	0	35	21	14	36	18	19	B
B	35	15	20	36	20	17	0	0	0	11	267	7025	2063	387	76	4	0	35	20	15	36	17	20	B
B	35	16	19	36	21	16	0	0	0	6	127	5088	3385	594	115	6	0	35	19	16	36	16	21	B
B	35	17	18	36	22	15	0	0	0	3	66	1774	5494	918	175	9	0	35	18	17	36	15	22	B
B	35	18	17	36	23	14	0	0	0	2	36	531	7772	1439	266	14	0	35	17	18	36	14	23	B
B	35	19	16	36	24	13	0	0	0	1	20	227	7431	2303	408	22	0	35	16	19	36	13	24	B
B	35	20	15	36	25	12	0	0	0	1	11	114	3498	3780	635	33	0	35	15	20	36	12	25	B
B	35	21	14	36	26	11	0	0	0	0	6	59	967	6144	1009	52	0	35	14	21	36	11	26	B
B	35	22	13	36	27	10	0	0	0	0	3	31	338	8478	1647	82	0	35	13	22	36	10	27	B
B	35	23	12	36	28	9	0	0	0	0	2	16	153	7339	2787	134	0	35	12	23	36	9	28	B
B	35	24	11	36	29	8	0	0	0	0	1	8	73	2826	4808	224	0	35	11	24	36	8	29	B
B	35	25	10	36	30	7	0	0	0	0	0	4	34	677	7407	391	0	35	10	25	36	7	30	B
B	35	26	9	36	31	6	0	0	0	0	0	2	16	215	7384	720	0	35	9	26	36	6	31	B
B	35	27	8	36	32	5	0	0	0	0	0	1	7	81	3044	1424	0	35	8	27	36	5	32	B
B	35	28	7	36	33	4	0	0	0	0	0	0	3	30	563	2911	0	35	7	28	36	4	33	B
B	35	29	6	36	34	3	0	0	0	0	0	0	1	10	114	4711	0	35	6	29	36	3	34	B
B	35	30	5	36	35	2	0	0	0	0	0	0	0	3	25	3249	0	35	5	30	36	2	35	B
B	35	31	4	36	36	1	0	0	0	0	0	0	0	0	4	405	0	35	4	31	36	1	36	B
												$\Delta\tau = 9$												
C	35	0	35	36	5	31	0	145	1	0	0	0	0	0	0	0	0	35	35	0	36	31	5	A
C	35	1	35	36	6	31	0	15	1	0	0	0	0	0	0	0	0	35	35	1	36	31	6	A
C	35	1	34	36	6	30	0	504	7	1	0	0	0	0	0	0	0	35	34	1	36	30	6	A
C	35	2	34	36	7	30	0	31	7	1	0	0	0	0	0	0	0	35	34	2	36	30	7	A
C	35	2	33	36	7	29	0	336	48	3	0	0	0	0	0	0	0	35	33	2	36	29	7	A

	J	K₋₁	K₊₁	J	K₋₁	K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K₋₁	K₊₁	J	K₋₁	K₊₁	
C	35	3	33	36	8	29	0	20	34	3	0	0	0	0	0	0	0	35	33	3	36	29	8	A
C	35	3	32	36	8	28	0	55	362	10	1	0	0	0	0	0	0	35	32	3	36	28	8	A
C	35	4	32	36	9	28	0	7	108	10	1	0	0	0	0	0	0	35	32	4	36	28	9	A
C	35	4	31	36	9	27	0	8	1397	31	2	0	0	0	0	0	0	35	31	4	36	27	9	A
C	35	5	31	36	10	27	0	2	193	31	2	0	0	0	0	0	0	35	31	5	36	27	10	A
C	35	5	30	36	10	26	0	2	1819	107	6	1	0	0	0	0	0	35	30	5	36	26	10	A
C	35	6	30	36	11	26	0	1	185	89	6	1	0	0	0	0	0	35	30	6	36	26	11	A
C	35	6	29	36	11	25	0	1	839	497	15	2	0	0	0	0	0	35	29	6	36	25	11	A
C	35	7	29	36	12	25	0	0	107	212	15	2	0	0	0	0	0	35	29	7	36	25	12	A
C	35	7	28	36	12	24	0	0	182	1853	35	4	0	0	0	0	0	35	28	7	36	24	12	A
C	35	8	28	36	13	24	0	0	47	351	35	4	0	0	0	0	0	35	28	8	36	24	13	A
C	35	8	27	36	13	23	0	0	51	2810	82	8	1	0	0	0	0	35	27	8	36	23	13	A
C	35	9	27	36	14	23	0	0	21	362	81	8	1	0	0	0	0	35	27	9	36	23	14	A
C	35	9	26	36	14	22	0	0	21	1688	222	17	2	0	0	0	0	35	26	9	36	22	14	A
C	35	10	26	36	15	22	0	0	10	241	180	17	2	0	0	0	0	35	26	10	36	22	15	A
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C	35	11	25	36	16	21	0	0	5	123	349	34	4	0	0	0	0	35	25	11	36	21	16	A
C	35	11	24	36	16	20	0	0	5	138	2519	71	7	0	0	0	0	35	24	11	36	20	16	A
C	35	12	24	36	17	20	0	0	2	59	497	70	7	0	0	0	0	35	24	12	36	20	17	A
C	35	12	23	36	17	19	0	0	2	60	3272	154	13	1	0	0	0	35	23	12	36	19	17	A
C	35	13	23	36	18	19	0	0	1	30	468	144	13	1	0	0	0	35	23	13	36	19	18	A
C	35	13	22	36	18	18	0	0	1	30	1754	443	24	1	0	0	0	35	22	13	36	18	18	A
C	35	14	22	36	19	18	0	0	1	16	304	283	24	1	0	0	0	35	22	14	36	18	19	A
C	35	14	21	36	19	17	0	0	1	16	501	1567	45	2	0	0	0	35	21	14	36	17	19	A
C	35	15	21	36	20	17	0	0	0	8	161	452	45	2	0	0	0	35	21	15	36	17	20	A
C	35	15	20	36	20	16	0	0	0	8	174	3088	90	4	0	0	0	35	20	15	36	16	20	A
C	35	16	20	36	21	16	0	0	0	5	82	508	88	4	0	0	0	35	20	16	36	16	21	A
C	35	16	19	36	21	15	0	0	0	5	82	2504	207	8	0	0	0	35	19	16	36	15	21	A
C	35	17	19	36	22	15	0	0	0	3	43	385	173	8	0	0	0	35	19	17	36	15	22	A
C	35	17	18	36	22	14	0	0	0	3	43	887	687	14	1	0	0	35	18	17	36	14	22	A
C	35	18	18	36	23	14	0	0	0	2	23	219	306	14	1	0	0	35	18	18	36	14	23	A
C	35	18	17	36	23	13	0	0	0	2	23	266	1985	26	1	0	0	35	17	18	36	13	23	A
C	35	19	17	36	24	13	0	0	0	1	13	112	406	26	1	0	0	35	17	19	36	13	24	A
C	35	19	16	36	24	12	0	0	0	1	13	114	2472	53	2	0	0	35	16	19	36	12	24	A
C	35	20	16	36	25	12	0	0	0	0	7	57	361	52	2	0	0	35	16	20	36	12	25	A
C	35	20	15	36	25	11	0	0	0	0	7	57	1219	128	4	0	0	35	15	20	36	11	25	A
C	35	21	15	36	26	11	0	0	0	0	4	29	223	104	4	0	0	35	15	21	36	11	26	A
C	35	21	14	36	26	10	0	0	0	0	4	29	339	452	7	0	0	35	14	21	36	10	26	A
C	35	22	14	36	27	10	0	0	0	0	2	15	112	182	7	0	0	35	14	22	36	10	27	A
C	35	22	13	36	27	9	0	0	0	0	2	15	118	1283	15	0	0	35	13	22	36	9	27	A
C	35	23	13	36	28	9	0	0	0	0	1	8	53	230	15	0	0	35	13	23	36	9	28	A
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C	35	24	11	36	29	7	0	0	0	0	1	4	25	564	127	0	0	35	11	24	36	7	29	A
C	35	25	11	36	30	7	0	0	0	0	0	2	12	98	63	0	0	35	11	25	36	7	30	A
C	35	25	10	36	30	6	0	0	0	0	0	2	12	135	479	0	0	35	10	25	36	6	30	A
C	35	26	10	36	31	6	0	0	0	0	0	1	6	41	90	0	0	35	10	26	36	6	31	A
C	35	26	9	36	31	5	0	0	0	0	0	1	6	43	692	1	0	35	9	26	36	5	31	A
C	35	27	9	36	32	5	0	0	0	0	0	0	2	16	74	1	0	35	9	27	36	5	32	A
C	35	27	8	36	32	4	0	0	0	0	0	0	2	16	303	4	0	35	8	27	36	4	32	A
C	35	28	8	36	33	4	0	0	0	0	0	0	1	6	35	3	0	35	8	28	36	4	33	A
C	35	28	7	36	33	3	0	0	0	0	0	0	1	6	56	21	0	35	7	28	36	3	33	A
C	35	29	7	36	34	3	0	0	0	0	0	0	0	2	11	7	0	35	7	29	36	3	34	A
C	35	29	6	36	34	2	0	0	0	0	0	0	0	2	11	89	0	35	6	29	36	2	34	A
C	35	30	6	36	35	2	0	0	0	0	0	0	0	1	3	8	0	35	6	30	36	2	35	A

	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1} —	J	K_{-1}	K_{+1}	
C	35	30	5	36	35	1	0	0	0	0	0	0	0	1	3	79	0	35	5	30	36	1	35	A
C	35	31	5	36	36	1	0	0	0	0	0	0	0	0	0	3	0	35	5	31	36	1	36	A
C	35	31	4	36	36	0	0	0	0	0	0	0	0	0	0	10	0	35	4	31	36	0	36	A
												Δτ = 10												
B	35	1	35	36	6	30	0	15	0	0	0	0	0	0	0	0	0	35	35	1	36	30	6	B
B	35	2	34	36	7	29	0	32	1	0	0	0	0	0	0	0	0	35	34	2	36	29	7	B
B	35	3	33	36	8	28	0	20	17	0	0	0	0	0	0	0	0	35	33	3	36	28	8	B
B	35	4	32	36	9	27	0	7	101	1	0	0	0	0	0	0	0	35	32	4	36	27	9	B
B	35	5	31	36	10	26	0	2	210	6	0	0	0	0	0	0	0	35	31	5	36	26	10	B
B	35	6	30	36	11	25	0	1	205	39	1	0	0	0	0	0	0	35	30	6	36	25	11	B
B	35	7	29	36	12	24	0	0	118	196	2	0	0	0	0	0	0	35	29	7	36	24	12	B
B	35	8	28	36	13	23	0	0	53	417	7	1	0	0	0	0	0	35	28	8	36	23	13	B
B	35	9	27	36	14	22	0	0	23	449	23	1	0	0	0	0	0	35	27	9	36	22	14	B
B	35	10	26	36	15	21	0	0	11	301	106	3	0	0	0	0	0	35	26	10	36	21	15	B
B	35	11	25	36	16	20	0	0	5	154	405	8	1	0	0	0	0	35	25	11	36	20	16	B
B	35	12	24	36	17	19	0	0	3	74	728	21	1	0	0	0	0	35	24	12	36	19	17	B
B	35	13	23	36	18	18	0	0	1	37	715	72	3	0	0	0	0	35	23	13	36	18	18	B
B	35	14	22	36	19	17	0	0	1	19	468	311	7	0	0	0	0	35	22	14	36	17	19	B
B	35	15	21	36	20	16	0	0	0	11	248	791	16	1	0	0	0	35	21	15	36	16	20	B
B	35	16	20	36	21	15	0	0	0	6	126	995	44	1	0	0	0	35	20	16	36	15	21	B
B	35	17	19	36	22	14	0	0	0	3	66	767	176	3	0	0	0	35	19	17	36	14	22	B
B	35	18	18	36	23	13	0	0	0	2	36	438	634	6	0	0	0	35	18	18	36	13	23	B
B	35	19	17	36	24	12	0	0	0	1	20	223	1096	15	0	0	0	35	17	19	36	12	24	B
B	35	20	16	36	25	11	0	0	0	1	11	114	1024	44	1	0	0	35	16	20	36	11	25	B
B	35	21	15	36	26	10	0	0	0	0	6	59	636	190	3	0	0	35	15	21	36	10	26	B
B	35	22	14	36	27	9	0	0	0	0	3	31	320	685	6	0	0	35	14	22	36	9	27	B
B	35	23	13	36	28	8	0	0	0	0	2	16	152	1098	19	0	0	35	13	23	36	8	28	B
B	35	24	12	36	29	7	0	0	0	0	1	8	73	912	83	0	0	35	12	24	36	7	29	B
B	35	25	11	36	30	6	0	0	0	0	0	4	34	488	404	0	0	35	11	25	36	6	30	B
B	35	26	10	36	31	5	0	0	0	0	0	2	16	207	835	1	0	35	10	26	36	5	31	B
B	35	27	9	36	32	4	0	0	0	0	0	1	7	81	734	4	0	35	9	27	36	4	32	B
B	35	28	8	36	33	3	0	0	0	0	0	0	3	30	347	33	0	35	8	28	36	3	33	B
B	35	29	7	36	34	2	0	0	0	0	0	0	1	10	108	201	0	35	7	29	36	2	34	B
B	35	30	6	36	35	1	0	0	0	0	0	0	0	3	25	301	0	35	6	30	36	1	35	B
B	35	31	5	36	36	0	0	0	0	0	0	0	0	0	4	106	0	35	5	31	36	0	36	B
												Δτ = 11												
A	35	1	34	36	7	29	0	1	0	0	0	0	0	0	0	0	0	35	34	1	36	29	7	C
A	35	2	33	36	8	28	0	0	2	0	0	0	0	0	0	0	0	35	33	2	36	28	8	C
A	35	3	33	36	9	28	0	0	1	0	0	0	0	0	0	0	0	35	33	3	36	28	9	C
A	35	3	32	36	9	27	0	0	10	0	0	0	0	0	0	0	0	35	32	3	36	27	9	C
A	35	4	32	36	10	27	0	0	1	0	0	0	0	0	0	0	0	35	32	4	36	27	10	C
A	35	4	31	36	10	26	0	0	21	1	0	0	0	0	0	0	0	35	31	4	36	26	10	C
A	35	5	31	36	11	26	0	0	2	1	0	0	0	0	0	0	0	35	31	5	36	26	11	C
A	35	5	30	36	11	25	0	0	18	8	0	0	0	0	0	0	0	35	30	5	36	25	11	C
A	35	6	30	36	12	25	0	0	1	3	0	0	0	0	0	0	0	35	30	6	36	25	12	C
A	35	6	29	36	12	24	0	0	7	39	1	0	0	0	0	0	0	35	29	6	36	24	12	C
A	35	7	29	36	13	24	0	0	1	7	1	0	0	0	0	0	0	35	29	7	36	24	13	C
A	35	7	28	36	13	23	0	0	1	83	2	0	0	0	0	0	0	35	28	7	36	23	13	C
A	35	8	28	36	14	23	0	0	0	10	2	0	0	0	0	0	0	35	28	8	36	23	14	C
A	35	8	27	36	14	22	0	0	0	83	8	1	0	0	0	0	0	35	27	8	36	22	14	C
A	35	9	27	36	15	22	0	0	0	8	6	1	0	0	0	0	0	35	27	9	36	22	15	C
A	35	9	26	36	15	21	0	0	0	39	37	2	0	0	0	0	0	35	26	9	36	21	15	C
A	35	10	26	36	16	21	0	0	0	4	15	2	0	0	0	0	0	35	26	10	36	21	16	C
A	35	10	25	36	16	20	0	0	0	9	142	4	0	0	0	0	0	35	25	10	36	20	16	C
A	35	11	25	36	17	20	0	0	0	2	28	4	0	0	0	0	0	35	25	11	36	20	17	C

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ: ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
A	35	11	24	36	17	19	0	0	0	2	251	10	1	0	0	0	0	35	24	11	36	19	17	C
A	35	12	24	36	18	19	0	0	0	1	32	10	1	0	0	0	0	35	24	12	36	19	18	C
A	35	12	23	36	18	18	0	0	0	1	223	36	2	0	0	0	0	35	23	12	36	18	18	C
A	35	13	23	36	19	18	0	0	0	0	25	23	2	0	0	0	0	35	23	13	36	18	19	C
A	35	13	22	36	19	17	0	0	0	0	94	156	4	0	0	0	0	35	22	13	36	17	19	C
A	35	14	22	36	20	17	0	0	0	0	13	45	4	0	0	0	0	35	22	14	36	17	20	C
A	35	14	21	36	20	16	0	0	0	0	22	393	10	0	0	0	0	35	21	14	36	16	20	C
A	35	15	21	36	21	16	0	0	0	0	6	62	10	0	0	0	0	35	21	15	36	16	21	C
A	35	15	20	36	21	15	0	0	0	0	6	472	29	1	0	0	0	35	20	15	36	15	21	C
A	35	16	20	36	22	15	0	0	0	0	3	57	24	1	0	0	0	35	20	16	36	15	22	C
A	35	16	19	36	22	14	0	0	0	0	3	284	114	2	0	0	0	35	19	16	36	14	22	C
A	35	17	19	36	23	14	0	0	0	0	1	35	51	2	0	0	0	35	19	17	36	14	23	C
A	35	17	18	36	23	13	0	0	0	0	1	81	411	5	0	0	0	35	18	17	36	13	23	C
A	35	18	18	36	24	13	0	0	0	0	1	17	83	5	0	0	0	35	18	18	36	13	24	C
A	35	18	17	36	24	12	0	0	0	0	1	20	698	12	0	0	0	35	17	18	36	12	24	C
A	35	19	17	36	25	12	0	0	0	0	0	7	90	12	0	0	0	35	17	19	36	12	25	C
A	35	19	16	36	25	11	0	0	0	0	0	7	577	35	1	0	0	35	16	19	36	11	25	C
A	35	20	16	36	26	11	0	0	0	0	0	3	64	28	1	0	0	35	16	20	36	11	26	C
A	35	20	15	36	26	10	0	0	0	0	0	3	219	152	2	0	0	35	15	20	36	10	26	C
A	35	21	15	36	27	10	0	0	0	0	0	1	32	61	2	0	0	35	15	21	36	10	27	C
A	35	21	14	36	27	9	0	0	0	0	0	1	49	547	6	0	0	35	14	21	36	9	27	C
A	35	22	14	36	28	9	0	0	0	0	0	1	13	96	6	0	0	35	14	22	36	9	28	C
A	35	22	13	36	28	8	0	0	0	0	0	1	14	856	17	0	0	35	13	22	36	8	28	C
A	35	23	13	36	29	8	0	0	0	0	0	0	5	95	15	0	0	35	13	23	36	8	29	C
A	35	23	12	36	29	7	0	0	0	0	0	0	5	607	75	0	0	35	12	23	36	7	29	C
A	35	24	12	36	30	7	0	0	0	0	0	0	2	58	37	0	0	35	12	24	36	7	30	C
A	35	24	11	36	30	6	0	0	0	0	0	0	2	179	363	0	0	35	11	24	36	6	30	C
A	35	25	11	36	31	6	0	0	0	0	0	0	1	24	67	0	0	35	11	25	36	6	31	C
A	35	25	10	36	31	5	0	0	0	0	0	0	1	33	742	1	0	35	10	25	36	5	31	C
A	35	26	10	36	32	5	0	0	0	0	0	0	0	8	72	1	0	35	10	26	36	5	32	C
A	35	26	9	36	32	4	0	0	0	0	0	0	0	8	590	4	0	35	9	26	36	4	32	C
A	35	27	9	36	33	4	0	0	0	0	0	0	0	2	41	3	0	35	9	27	36	4	33	C
A	35	27	8	36	33	3	0	0	0	0	0	0	0	2	169	32	0	35	8	27	36	3	33	C
A	35	28	8	36	34	3	0	0	0	0	0	0	0	1	13	10	0	35	8	28	36	3	34	C
A	35	28	7	36	34	2	0	0	0	0	0	0	0	1	21	196	0	35	7	28	36	2	34	C
A	35	29	7	36	35	2	0	0	0	0	0	0	0	0	2	17	0	35	7	29	36	2	35	C
A	35	29	6	36	35	1	0	0	0	0	0	0	0	0	3	289	0	35	6	29	36	1	35	C
A	35	30	6	36	36	1	0	0	0	0	0	0	0	0	0	8	0	35	6	30	36	1	36	C
A	35	30	5	36	36	0	0	0	0	0	0	0	0	0	0	87	0	35	5	30	36	0	36	C
												$\Delta\tau = 12$												
B	35	0	35	36	7	30	0	1	0	0	0	0	0	0	0	0	0	35	35	0	36	30	7	B
B	35	1	34	36	8	29	0	1	1	0	0	0	0	0	0	0	0	35	34	1	36	29	8	B
B	35	2	33	36	9	28	0	0	5	0	0	0	0	0	0	0	0	35	33	2	36	28	9	B
B	35	3	32	36	10	27	0	0	14	1	0	0	0	0	0	0	0	35	32	3	36	27	10	B
B	35	4	31	36	11	26	0	0	19	5	0	0	0	0	0	0	0	35	31	4	36	26	11	B
B	35	5	30	36	12	25	0	0	13	17	1	0	0	0	0	0	0	35	30	5	36	25	12	B
B	35	6	29	36	13	24	0	0	4	37	2	0	0	0	0	0	0	35	29	6	36	24	13	B
B	35	7	28	36	14	23	0	0	1	49	7	1	0	0	0	0	0	35	28	7	36	23	14	B
B	35	8	27	36	15	22	0	0	0	38	18	1	0	0	0	0	0	35	27	8	36	22	15	B
B	35	9	26	36	16	21	0	0	0	14	44	3	0	0	0	0	0	35	26	9	36	21	16	B
B	35	10	25	36	17	20	0	0	0	3	79	8	1	0	0	0	0	35	25	10	36	20	17	B
B	35	11	24	36	18	19	0	0	0	1	91	19	1	0	0	0	0	35	24	11	36	19	18	B
B	35	12	23	36	19	18	0	0	0	0	63	46	3	0	0	0	0	35	23	12	36	18	19	B
B	35	13	22	36	20	17	0	0	0	0	22	89	7	0	0	0	0	35	22	13	36	17	20	B
B	35	14	21	36	21	16	0	0	0	0	4	123	16	1	0	0	0	35	21	14	36	16	21	B

	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	∓1.0	∓.95	∓.8	∓.6	∓.3 (κ)	0 (κ)	±.3 (κ)	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	— J	K_{-1}	K_{+1}	
B	35	15	20	36	22	15	0	0	0	0	1	107	37	1	0	0	0	35	20	15	36	15	22	B
B	35	16	19	36	23	14	0	0	0	0	0	52	78	3	0	0	0	35	19	16	36	14	23	B
B	35	17	18	36	24	13	0	0	0	0	0	12	127	6	0	0	0	35	18	17	36	13	24	B
B	35	18	17	36	25	12	0	0	0	0	0	3	136	15	0	0	0	35	17	18	36	12	25	B
B	35	19	16	36	26	11	0	0	0	0	0	1	86	36	1	0	0	35	16	19	36	11	26	B
B	35	20	15	36	27	10	0	0	0	0	0	0	26	76	3	0	0	35	15	20	36	10	27	B
B	35	21	14	36	28	9	0	0	0	0	0	0	5	119	6	0	0	35	14	21	36	9	28	B
B	35	22	13	36	29	8	0	0	0	0	0	0	1	116	17	0	0	35	13	22	36	8	29	B
B	35	23	12	36	30	7	0	0	0	0	0	0	0	60	41	0	0	35	12	23	36	7	30	B
B	35	24	11	36	31	6	0	0	0	0	0	0	0	14	75	0	0	35	11	24	36	6	31	B
B	35	25	10	36	32	5	0	0	0	0	0	0	0	2	79	1	0	35	10	25	36	5	32	B
B	35	26	9	36	33	4	0	0	0	0	0	0	0	0	41	3	0	35	9	26	36	4	33	B
B	35	27	8	36	34	3	0	0	0	0	0	0	0	0	8	11	0	35	8	27	36	3	34	B
B	35	28	7	36	35	2	0	0	0	0	0	0	0	0	1	17	0	35	7	28	36	2	35	B
B	35	29	6	36	36	1	0	0	0	0	0	0	0	0	0	8	0	35	6	29	36	1	36	B
												$\Delta\tau$ = 13												
C	35	0	35	36	7	29	0	1	0	0	0	0	0	0	0	0	0	35	35	0	36	29	7	A
C	35	1	34	36	8	28	0	1	0	0	0	0	0	0	0	0	0	35	34	1	36	28	8	A
C	35	2	33	36	9	27	0	0	4	0	0	0	0	0	0	0	0	35	33	2	36	27	9	A
C	35	3	33	36	10	27	0	0	1	0	0	0	0	0	0	0	0	35	33	3	36	27	10	A
C	35	3	32	36	10	26	0	0	12	0	0	0	0	0	0	0	0	35	32	3	36	26	10	A
C	35	4	32	36	11	26	0	0	1	0	0	0	0	0	0	0	0	35	32	4	36	26	11	A
C	35	4	31	36	11	25	0	0	17	1	0	0	0	0	0	0	0	35	31	4	36	25	11	A
C	35	5	31	36	12	25	0	0	1	1	0	0	0	0	0	0	0	35	31	5	36	25	12	A
C	35	5	30	36	12	24	0	0	12	10	0	0	0	0	0	0	0	35	30	5	36	24	12	A
C	35	6	30	36	13	24	0	0	1	2	0	0	0	0	0	0	0	35	30	6	36	24	13	A
C	35	6	29	36	13	23	0	0	3	28	0	0	0	0	0	0	0	35	29	6	36	23	13	A
C	35	7	29	36	14	23	0	0	0	3	0	0	0	0	0	0	0	35	29	7	36	23	14	A
C	35	7	28	36	14	22	0	0	0	39	1	0	0	0	0	0	0	35	28	7	36	22	14	A
C	35	8	28	36	15	22	0	0	0	4	1	0	0	0	0	0	0	35	28	8	36	22	15	A
C	35	8	27	36	15	21	0	0	0	30	5	0	0	0	0	0	0	35	27	8	36	21	15	A
C	35	9	27	36	16	21	0	0	0	2	2	0	0	0	0	0	0	35	27	9	36	21	16	A
C	35	9	26	36	16	20	0	0	0	12	22	0	0	0	0	0	0	35	26	9	36	20	16	A
C	35	10	26	36	17	20	0	0	0	1	4	0	0	0	0	0	0	35	26	10	36	20	17	A
C	35	10	25	36	17	19	0	0	0	2	49	1	0	0	0	0	0	35	25	10	36	19	17	A
C	35	11	25	36	18	19	0	0	0	0	6	1	0	0	0	0	0	35	25	11	36	19	18	A
C	35	11	24	36	18	18	0	0	0	0	59	2	0	0	0	0	0	35	24	11	36	18	18	A
C	35	12	24	36	19	18	0	0	0	0	6	2	0	0	0	0	0	35	24	12	36	18	19	A
C	35	12	23	36	19	17	0	0	0	0	41	13	0	0	0	0	0	35	23	12	36	17	19	A
C	35	13	23	36	20	17	0	0	0	0	4	4	0	0	0	0	0	35	23	13	36	17	20	A
C	35	13	22	36	20	16	0	0	0	0	14	39	0	0	0	0	0	35	22	13	36	16	20	A
C	35	14	22	36	21	16	0	0	0	0	2	6	0	0	0	0	0	35	22	14	36	16	21	A
C	35	14	21	36	21	15	0	0	0	0	3	60	1	0	0	0	0	35	21	14	36	15	21	A
C	35	15	21	36	22	15	0	0	0	0	1	7	1	0	0	0	0	35	21	15	36	15	22	A
C	35	15	20	36	22	14	0	0	0	0	1	54	5	0	0	0	0	35	20	15	36	14	22	A
C	35	16	20	36	23	14	0	0	0	0	0	5	2	0	0	0	0	35	20	16	36	14	23	A
C	35	16	19	36	23	13	0	0	0	0	0	26	20	0	0	0	0	35	19	16	36	13	23	A
C	35	17	19	36	24	13	0	0	0	0	0	3	4	0	0	0	0	35	19	17	36	13	24	A
C	35	17	18	36	24	12	0	0	0	0	0	6	42	0	0	0	0	35	18	17	36	12	24	A
C	35	18	18	36	25	12	0	0	0	0	0	1	5	0	0	0	0	35	18	18	36	12	25	A
C	35	18	17	36	25	11	0	0	0	0	0	1	47	1	0	0	0	35	17	18	36	11	25	A
C	35	19	17	36	26	11	0	0	0	0	0	0	5	0	0	0	0	35	17	19	36	11	26	A
C	35	19	16	36	26	10	0	0	0	0	0	0	30	3	0	0	0	35	16	19	36	10	26	A
C	35	20	16	36	27	10	0	0	0	0	0	0	3	1	0	0	0	35	16	20	36	10	27	A
C	35	20	15	36	27	9	0	0	0	0	0	0	9	11	0	0	0	35	15	20	36	9	27	A

	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	κ ∓1.0	∓.95	∓.8	∓.6	∓.3	0	±.3	±.6	±.8	±.95	±1.0	J	K_{-1}	K_{+1}	J	K_{-1}	K_{+1}	
C	35	21	15	36	28	9	0	0	0	0	0	0	1	2	0	0	0	35	15	21	36	9	28	A
C	35	21	14	36	28	8	0	0	0	0	0	0	2	23	0	0	0	35	14	21	36	8	28	A
C	35	22	14	36	29	8	0	0	0	0	0	0	0	2	0	0	0	35	14	22	36	8	29	A
C	35	22	13	36	29	7	0	0	0	0	0	0	0	23	0	0	0	35	13	22	36	7	29	A
C	35	23	13	36	30	7	0	0	0	0	0	0	0	2	0	0	0	35	13	23	36	7	30	A
C	35	23	12	36	30	6	0	0	0	0	0	0	0	12	3	0	0	35	12	23	36	6	30	A
C	35	24	12	36	31	6	0	0	0	0	0	0	0	1	0	0	0	35	12	24	36	6	31	A
C	35	24	11	36	31	5	0	0	0	0	0	0	0	3	7	0	0	35	11	24	36	5	31	A
C	35	25	11	36	32	5	0	0	0	0	0	0	0	0	1	0	0	35	11	25	36	5	32	A
C	35	25	10	36	32	4	0	0	0	0	0	0	0	0	8	0	0	35	10	25	36	4	32	A
C	35	26	9	36	33	3	0	0	0	0	0	0	0	0	4	0	0	35	9	26	36	3	33	A
C	35	27	8	36	34	2	0	0	0	0	0	0	0	0	1	0	0	35	8	27	36	2	34	A
												$\Delta\tau = 14$												
B	35	3	33	36	10	26	0	0	1	0	0	0	0	0	0	0	0	35	33	3	36	26	10	B
B	35	4	32	36	11	25	0	0	1	0	0	0	0	0	0	0	0	35	32	4	36	25	11	B
B	35	5	31	36	12	24	0	0	1	1	0	0	0	0	0	0	0	35	31	5	36	24	12	B
B	35	6	30	36	13	23	0	0	1	2	0	0	0	0	0	0	0	35	30	6	36	23	13	B
B	35	7	29	36	14	22	0	0	0	4	0	0	0	0	0	0	0	35	29	7	36	22	14	B
B	35	8	28	36	15	21	0	0	0	5	0	0	0	0	0	0	0	35	28	8	36	21	15	B
B	35	9	27	36	16	20	0	0	0	3	2	0	0	0	0	0	0	35	27	9	36	20	16	B
B	35	10	26	36	17	19	0	0	0	1	6	0	0	0	0	0	0	35	26	10	36	19	17	B
B	35	11	25	36	18	18	0	0	0	0	9	0	0	0	0	0	0	35	25	11	36	18	18	B
B	35	12	24	36	19	17	0	0	0	0	9	2	0	0	0	0	0	35	24	12	36	17	19	B
B	35	13	23	36	20	16	0	0	0	0	6	6	0	0	0	0	0	35	23	13	36	16	20	B
B	35	14	22	36	21	15	0	0	0	0	3	12	0	0	0	0	0	35	22	14	36	15	21	B
B	35	15	21	36	22	14	0	0	0	0	1	14	1	0	0	0	0	35	21	15	36	14	22	B
B	35	16	20	36	23	13	0	0	0	0	0	10	4	0	0	0	0	35	20	16	36	13	23	B
B	35	17	19	36	24	12	0	0	0	0	0	5	11	0	0	0	0	35	19	17	36	12	24	B
B	35	18	18	36	25	11	0	0	0	0	0	2	15	0	0	0	0	35	18	18	36	11	25	B
B	35	19	17	36	26	10	0	0	0	0	0	1	13	1	0	0	0	35	17	19	36	10	26	B
B	35	20	16	36	27	9	0	0	0	0	0	0	8	4	0	0	0	35	16	20	36	9	27	B
B	35	21	15	36	28	8	0	0	0	0	0	0	3	10	0	0	0	35	15	21	36	8	28	B
B	35	22	14	36	29	7	0	0	0	0	0	0	1	12	0	0	0	35	14	22	36	7	29	B
B	35	23	13	36	30	6	0	0	0	0	0	0	0	9	1	0	0	35	13	23	36	6	30	B
B	35	24	12	36	31	5	0	0	0	0	0	0	0	4	5	0	0	35	12	24	36	5	31	B
B	35	25	11	36	32	4	0	0	0	0	0	0	0	1	7	0	0	35	11	25	36	4	32	B
B	35	26	10	36	33	3	0	0	0	0	0	0	0	0	5	0	0	35	10	26	36	3	33	B
B	35	27	9	36	34	2	0	0	0	0	0	0	0	0	2	0	0	35	9	27	36	2	34	B
B	35	28	8	36	35	1	0	0	0	0	0	0	0	0	0	1	0	35	8	28	36	1	35	B
												$\Delta\tau = 15$												
A	35	6	29	36	14	22	0	0	0	1	0	0	0	0	0	0	0	35	29	6	36	22	14	C
A	35	7	28	36	15	21	0	0	0	1	0	0	0	0	0	0	0	35	28	7	36	21	15	C
A	35	8	27	36	16	20	0	0	0	1	1	0	0	0	0	0	0	35	27	8	36	20	16	C
A	35	9	26	36	17	19	0	0	0	0	2	0	0	0	0	0	0	35	26	9	36	19	17	C
A	35	10	25	36	18	18	0	0	0	0	3	0	0	0	0	0	0	35	25	10	36	18	18	C
A	35	11	24	36	19	17	0	0	0	0	3	1	0	0	0	0	0	35	24	11	36	17	19	C
A	35	12	23	36	20	16	0	0	0	0	2	3	0	0	0	0	0	35	23	12	36	16	20	C
A	35	13	22	36	21	15	0	0	0	0	1	6	0	0	0	0	0	35	22	13	36	15	21	C
A	35	14	22	36	22	15	0	0	0	0	0	1	0	0	0	0	0	35	22	14	36	15	22	C
A	35	14	21	36	22	14	0	0	0	0	0	7	1	0	0	0	0	35	21	14	36	14	22	C
A	35	15	21	36	23	14	0	0	0	0	0	1	0	0	0	0	0	35	21	15	36	14	23	C
A	35	15	20	36	23	13	0	0	0	0	0	5	3	0	0	0	0	35	20	15	36	13	23	C
A	35	16	20	36	24	13	0	0	0	0	0	0	1	0	0	0	0	35	20	16	36	13	24	C
A	35	16	19	36	24	12	0	0	0	0	0	2	7	0	0	0	0	35	19	16	36	12	24	C
A	35	17	19	36	25	12	0	0	0	0	0	0	1	0	0	0	0	35	19	17	36	12	25	C

J K₋₁ K₊₁ — J K₋₁ K₊₁	∓1.0	∓.95	∓.8	∓.6	∓.3	κ 0	±.3	±.6	±.8	±.95	±1.0	J K₋₁ K₊₁ — J K₋₁ K₊₁
A 35 17 18 36 25 11	0	0	0	0	0	0	10	0	0	0	0	35 18 17 36 11 25 C
A 35 18 18 36 26 11	0	0	0	0	0	0	1	0	0	0	0	35 18 18 36 11 26 C
A 35 18 17 36 26 10	0	0	0	0	0	0	8	1	0	0	0	35 17 18 36 10 26 C
A 35 19 17 36 27 10	0	0	0	0	0	0	1	0	0	0	0	35 17 19 36 10 27 C
A 35 19 16 36 27 9	0	0	0	0	0	0	4	3	0	0	0	35 16 19 36 9 27 C
A 35 20 16 36 28 9	0	0	0	0	0	0	[illegible]	1	0	0	0	35 16 20 36 9 28 C
A 35 20 15 36 28 8	0	0	0	0	0	0	1	8	0	0	0	35 15 20 36 8 28 C
A 35 21 15 36 29 8	0	0	0	0	0	0	0	1	0	0	0	35 15 21 36 8 29 C
A 35 21 14 36 29 7	0	0	0	0	0	0	0	10	0	0	0	35 14 21 36 7 29 C
A 35 22 14 36 30 7	0	0	0	0	0	0	0	1	0	0	0	35 14 22 36 7 30 C
A 35 22 13 36 30 6	0	0	0	0	0	0	0	7	1	0	0	35 13 22 36 6 30 C
A 35 23 12 36 31 5	0	0	0	0	0	0	0	3	4	0	0	35 12 23 36 5 31 C
A 35 24 11 36 32 4	0	0	0	0	0	0	0	0	6	0	0	35 11 24 36 4 32 C
A 35 25 10 36 33 3	0	0	0	0	0	0	0	0	4	0	0	35 10 25 36 3 33 C
A 35 26 9 36 34 2	0	0	0	0	0	0	0	0	1	0	0	35 9 26 36 2 34 C
A 35 27 8 36 35 1	0	0	0	0	0	0	0	0	0	1	0	35 8 27 36 1 35 C
						$\Delta\tau$ = 16						
B 35 9 26 36 18 19	0	0	0	0	1	0	0	0	0	0	0	35 26 9 36 19 18 B
B 35 10 25 36 19 18	0	0	0	0	1	0	0	0	0	0	0	35 25 10 36 18 19 B
B 35 11 24 36 20 17	0	0	0	0	1	0	0	0	0	0	0	35 24 11 36 17 20 B
B 35 12 23 36 21 16	0	0	0	0	0	1	0	0	0	0	0	35 23 12 36 16 21 B
B 35 13 22 36 22 15	0	0	0	0	0	1	0	0	0	0	0	35 22 13 36 15 22 B
B 35 14 21 36 23 14	0	0	0	0	0	1	0	0	0	0	0	35 21 14 36 14 23 B
B 35 15 20 36 24 13	0	0	0	0	0	1	1	0	0	0	0	35 20 15 36 13 24 B
B 35 16 19 36 25 12	0	0	0	0	0	0	1	0	0	0	0	35 19 16 36 12 25 B
B 35 17 18 36 26 11	0	0	0	0	0	0	1	0	0	0	0	35 18 17 36 11 26 B
B 35 18 17 36 27 10	0	0	0	0	0	0	1	0	0	0	0	35 17 18 36 10 27 B
B 35 19 16 36 28 9	0	0	0	0	0	0	0	1	0	0	0	35 16 19 36 9 28 B
B 35 20 15 36 29 8	0	0	0	0	0	0	0	1	0	0	0	35 15 20 36 8 29 B
B 35 21 14 36 30 7	0	0	0	0	0	0	0	1	0	0	0	35 14 21 36 7 30 B
B 35 22 13 36 31 6	0	0	0	0	0	0	0	1	0	0	0	35 13 22 36 6 31 B
						$\Delta\tau$ = 17						
C 35 9 26 36 18 18	0	0	0	0	1	0	0	0	0	0	0	35 26 9 36 18 18 A
C 35 10 25 36 19 17	0	0	0	0	1	0	0	0	0	0	0	35 25 10 36 17 19 A
C 35 13 22 36 22 14	0	0	0	0	0	1	0	0	0	0	0	35 22 13 36 14 22 A
C 35 14 21 36 23 13	0	0	0	0	0	1	0	0	0	0	0	35 21 14 36 13 23 A
C 35 17 18 36 26 10	0	0	0	0	0	0	1	0	0	0	0	35 18 17 36 10 26 A

Microwave Spectral Tables

This five-volume NBS Monograph will present a comprehensive compilation of microwave spectra including measured frequencies, assigned molecular species, assigned quantum numbers, and molecular constants determined from these data. The first two volumes are now available and the other three will follow at approximately six-month intervals.

Titles of the volumes

I. Diatomic Molecules
II. Line Strengths of Asymmetric Rotors
III. Hindered Rotors
IV. Symmetric and Asymmetric Rotors
V. Frequency Listing

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